

20020214.qrp v02\_n466.qrl.20020214

Date: Thu, 14 Feb 2002 19:03:06 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2466

QRP-L Digest 2466

Topics covered in this issue include:

- 1) [119900] Re: PVC as a Mast  
by "ZOOM" <kandrparker@sympatico.ca>
- 2) [119901] DDS VFO  
by "Thor, n9ik" <n9ik@qsl.net>
- 3) [119902] Re: Contest  
by Larry Cahoon <lejek@erols.com>
- 4) [119903] Re: PSK-31 qrp  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 5) [119904] Re: SMK 1 mods  
by lite65 <lite65@earthlink.net>
- 6) [119905] Re: Switching Supplies  
by "Arth. Silvers" <w6ags@arrl.net>
- 7) [119906] WTB - Weber RMS digital wattmeter  
by Michael Goins <mgoins@usa.net>
- 8) [119907] Thursday Foxes?  
by "Karl F. Larsen" <k5di@zianet.com>
- 9) [119908] worked Russia w/ my measly 5 watts!  
by "Thor, n9ik" <n9ik@qsl.net>
- 10) [119909] Observation on Fox Hunting  
by Michael Fletcher <kl7ixi@attbi.com>
- 11) [119910] Toledo Mobile Radio Assoc - SE MI and Northern Ohio  
by "Charles Mabbott" <aa8vs@msn.com>
- 12) [119911] !!FLYING PIGS & NOGA Buildathon at FDIIM!!!  
by "Kenneth Evans" <w4du@mediaone.net>
- 13) [119912] Re: March QST  
by "Richard H. Arland" <rarland@earthlink.net>
- 14) [119913] Regen RX ???s  
by Darrel Swenson <k0awb@tconl.com>
- 15) [119914] CQ - Ade Weiss W0RSP only  
by Michael Goins <mgoins@usa.net>
- 16) [119915] Re: Tuning Tuna!  
by "George, W5YR" <w5yr@att.net>
- 17) [119916] Fw: Re: Kenwood 721a  
by tailfeathers@juno.com
- 18) [119917] FOX -- AG0T Cub Fox Preliminary Log  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 19) [119918] CONGRATULATIONS TO N1ODL

- by Macstein@aol.com
- 20) [119919] FOX: A Valentine For You Tomorrow Night  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 21) [119920] QRPDUPE  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 22) [119921] RE: QRPDUPE  
by "Bill & Linda Milligan" <milligan@charter.net>
- 23) [119922] DDS VFO  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 24) [119923] RE: Helically Wound Antennas  
by W2SH@aol.com
- 25) [119924] Re: (almost) Free! ESD Kits -- we have a winner!  
by Doug Simpson <dsimpson@darkwing.uoregon.edu>
- 26) [119925] Web page/ server/ PC TU  
by "Charles Mabbott" <aa8vs@msn.com>
- 27) [119926] Re: Crystal Checker  
by "Karl F. Larsen" <k5di@zianet.com>
- 28) [119927] Google is Dead  
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [119928] Re: Google is Dead (OT)  
by Michael Bower <bowerm@ix.netcom.com>
- 30) [119929] Re: Google is Dead  
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 31) [119930] Re: Google is Dead [NOT]  
by Chuck Carpenter <w5usj@9plus.net>
- 32) [119931] Re: CONGRATULATIONS TO N1ODL  
by "Brian Murrey" <brian@iquest.net>
- 33) [119932] NEQRP CW Net, 14 February 02, 8:30 PM EST, 3.565MHz  
by Chuck Ludinsky <cjl@mitre.org>
- 34) [119933] Re: Google is Dead  
by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
- 35) [119934] Re: DDS VFO  
by <jfox6@houston.rr.com>
- 36) [119935] Re: Google is Dead  
by baltimoremd@baltimoremd.com
- 37) [119936] Re: QRPDUPE  
by W2AGN <w2agn@pobox.com>
- 38) [119937] Sample Parts for Free  
by Patrick Gardella <pgardella@yahoo.com>
- 39) [119938] Re: Google is Dead [NOT]  
by William R Colbert <w5xe@juno.com>
- 40) [119939] keyboards, cw readers  
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 41) [119940] OT: Where do Flying Pigs eat?  
by dmaliniak@penton.com
- 42) [119941] Re: Google is Dead  
by tailfeathers@juno.com
- 43) [119942] Re: MS-30 #2

by Lee Hopper <leehop@qwest.net>  
44) [119943] Google has come to life  
by "Karl F. Larsen" <k5di@zianet.com>  
45) [119944] Re: MS-30 #2  
by "John\_Evans" <jae@codenet.net>  
46) [119945] Re: MS-30 #2  
by Patrick Gardella <pgardella@yahoo.com>  
47) [119946] LMB Boxes  
by Ed Manuel <edmanuel@directvinternet.com>  
48) [119947] OT: 13 yr olds can be useful!  
by Dan Presley <talljazz@teleport.com>  
49) [119948] Re: Google is Dead  
by W2AGN <w2agn@pobox.com>  
50) [119949] VFO question  
by Jerome.Peters2@infineon.com  
51) [119950] [CONTEST] N2CQ QRP Contest Calendar Feb 14-28  
by Ken Newman <N2CQ@dandy.net>  
52) [119951] NorCal 20, 10 turn pot, Custom Enclosure  
by Jerry Parker <jparker@fix.net>  
53) [119952] Delaware Exists!! I think...  
by Chris Cartwright <ccart@phideaux.com>  
54) [119953] Re: VFO question  
by "George, W5YR" <w5yr@att.net>  
55) [119954] FS: SW+40  
by John Bohnert <johnb@elmhurst.edu>  
56) [119955] Re: VFO question  
by "Paul Harden, NA5N" <na5n@rt66.com>  
57) [119956] [FOX] Fox tonight!!  
by "Jerry McCollom W0MC" <w0mc@radioactivehams.com>  
58) [119957] Re: Keyer question - Slow Vs Fast Keying  
by Bill Coleman <aa4lr@arrl.net>  
59) [119958] Re: Keyer question - Slow Vs Fast Keying  
by Bill Coleman <aa4lr@arrl.net>  
60) [119959] Re: Google is Dead (OT)  
by W2AGN <w2agn@pobox.com>  
61) [119960] FOX: W0CQC is ONE fox  
by "Marshall Emm" <mgemm@mtechnologies.com>  
62) [119961] Re: Keyer question - Slow Vs Fast Keying  
by Bill Coleman <aa4lr@arrl.net>  
63) [119962] Re: Keyer question - Slow Vs Fast Keying  
by Bill Coleman <aa4lr@arrl.net>  
64) [119963] Re: Keyer question - Slow Vs Fast Keying  
by Bill Coleman <aa4lr@arrl.net>  
65) [119964] Re: Keyer question - Slow Vs Fast Keying  
by Bill Coleman <aa4lr@arrl.net>  
66) [119965] QRP  
by "frank5838" <frank5838@email.msn.com>  
67) [119966]

by "frank5838" <frank5838@email.msn.com>  
68) [119967] LED freq counter/ digi-dial  
by Steven Weber <kd1jv@moose.ncia.net>  
69) [119968] Re: Google is Dead  
by adamvaz@palm.net (Adam Vazquez)  
70) [119969] FS: FREQ-MITE  
by "John Dorson" <jdorson@Worldshare.net>  
71) [119970] Re: N4DD Preliminary Log Delinquency  
by Bill Coleman <aa4lr@arrl.net>  
72) [119971] Re: LED freq counter/ digi-dial  
by "Lee Mairs" <lmairs@cox.rr.com>  
73) [119972] Re: Keyer question - Slow Vs Fast Keying  
by Larry Cahoon <lejek@erols.com>  
74) [119973] Re: N4DD Preliminary Log Delinquency  
by "George, W5YR" <w5yr@att.net>  
75) [119974] Truffel Notice!!  
by "Brian Murrey" <brian@iquest.net>  
76) [119975] PTO discussion  
by "Kevin Philbin" <oz2dkp@hotmail.com>  
77) [119976] ON5EX/AA4XX 30M QRSS Twin Beacons Saturday  
by Paul Stroud <aa4xx@ipass.net>  
78) [119977] Fw: One Time Only Event to Take Place Soon  
by "John Paul Keon" <jpkeon@nc.rr.com>  
79) [119978] Re: PTO discussion  
by Ed Manuel <edmanuel@directvinternet.com>  
80) [119979] Re: PTO discussion  
by "Brian Murrey" <brian@iquest.net>  
81) [119980] Re: PTO discussion  
by "John\_Evans" <jae@codenet.net>

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Date: Wed, 13 Feb 2002 19:24:30 -0500  
From: "ZOOM" <kandrparker@sympatico.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119900] Re: PVC as a Mast  
Message-ID: <017601c1b4ed\$f87831c0\$c791fea9@wishfullko46s4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thankyou to all that replied to my post about PVC masts. My idea is to use 1 1/2" schedule 40 white PVC and to make it more ridgid I was thinking of spraying the insulation foam inside for added strength. The mast would be about 10 feet.

Seems there is differing views as to whether ultraviolet does significant

damage. I know they make PVC fencing so will have to explore this further.

Regards,  
Robert  
VE3RPF

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Date: Wed, 13 Feb 2002 18:26:31 -0600  
From: "Thor, n9ik" <n9ik@qsl.net>  
To: <qrp-i@yahoogroups.com>, <qrp-l@lehigh.edu>  
Subject: [119901] DDS VFO  
Message-ID: <NEBBLNLOELOIHIEKHCPAAEOGCMAA.n9ik@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Any of you masters of QRP design and building have an opinion about the Direct-Digital VFO put together and described in January '02 QST (pp 35-38) by Jim Hagerty, WA1FFL? Applicable, or overkill for qrp projects? I'm ordering his partial parts kit anyway for a receiver that I want to try to put together, but I want to know if I should get two to have fun with.....

Thanks for the education!

- Thor, N9IK

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Date: Thu, 14 Feb 2002 00:16:01 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: ku7y@qsl.net,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [119902] Re: Contest  
Message-ID: <5.1.0.14.0.20020214001506.0237b690@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I thought all retire people were not allowed to abide by RULE #3

73 de Larry.....WD3P in MD  
<http://www.qsl.net/wd3p/>

At 02:29 PM 2/13/2002 -0700, Monte Stark wrote:

>Hi All,  
>  
>My apologies to everyone..... I didn't get that message  
>posted until the day after the contest!  
>  
>RULE #3 for testers:  
>  
>KNOW WHAT DAY YOU ARE IN AT ANY GIVEN TIME  
>  
>OK, back to my hole....

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Date: Wed, 13 Feb 2002 19:07:42 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: "Karl F. Larsen" <k5di@zianet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [119903] Re: PSK-31 qrp  
Message-ID: <Pine.LNX.4.33.0202131903530.2374-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Karl...I checked Digipan agn and the little transmit and rcv icons are there in the lower part of the screen...say I transmit a CQ...it does not appear in the RECEIVE window as the old Digipan does...I think it should so I can tell when the transmit text has actually been transmitted...I'll keep "poking" and "readin"...thanks

...72 - Bruce (VE5RC+VE5QRP)

-----  
Date: Wed, 13 Feb 2002 17:22:55 -0800  
From: lite65 <lite65@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [119904] Re: SMK 1 mods  
Message-ID: <3C6B116E.53ACE553@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am passing along some neat sounding mods for the SMK 1 that I received from Carl Young K5HK  
He was out at sea about 600 mi SW of San Fran when I worked him

He always gets a fine sig out of that lil rig whenever we QSO

Bill Stewart  
KF6RMK

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2/13/02

To: All interested Amateur Radio Operators.  
Fm: Carl Young, K5HK

Subject: "Simple Modifications for NorCal SMK-1 transceivers"

I bought an NorCal QRP Club SMK-1 transceiver kit about a year ago and I came up with a couple of "simple modifications" that really increase the performance of the both the transmitter and the receiver.

These "simple mods" should be of interest to SMK-1 and other QRP/QRPers that use TT2 class rigs and/or LM386 audio stages.

#### 1. TX Modification:

A simple transmitter modification for the SMK-1 and other TT2 type rigs is to simply jumper the emitter resistor(R14) of the PA transistor (Q3). This is a 56 ohm resistor and this modification brings the output up from about 300mw to about 500mw (about 2db gain) and your QSO rate should improve dramatically as mine did.

I noted no heating or instability of Q3 and have used this modification in my SMK-1 for nearly a year now. You could replace it or parallel R14 with a 2 to 10 ohm resistor and should get similar increases in output power if you are concerned about thermal runaway/oscillations/overheating possibilities.

#### 2. RX Modifications:

Add a 10mf electrolytic capacitor from U2 pin 7(+lead) to ground (-lead). This will bypass the bias circuitry and should help with any thump problems during

keying or  
instabilities of the LM386 Audio amplifier. The capacitor should be  
rated 16vdc or  
more.

I also put a 3.9K resistor from the antenna side of the Rf Attenuator pot  
to the wiper  
to spread out the action of the control somewhat making it more usable as  
an  
output and overload adjustment control.

The following will improve selectivity and Signal/Noise ratios by over  
6db and a greatly  
improve your listening comfort with this 2 component addition. This  
"simple" RC circuit peaks the audio response of the LM386 amplifier at  
around  
600HZ: series a 3.9k resistor and .01mf or .015mf capacitor (I noted  
decreasing  
bandwidth with larger capacitor sizes but also diminishing returns in  
audio output and  
clarity with values larger than about .015mf between) U2 pins 8 and 5  
(the LM386  
AF amp). I soldered my cap and resistor in series and used the following  
easy  
access point: The + side of C14 and the - side of C11. You will be  
pleasantly  
surprised at the big improvement this little RC circuit will make in your  
receiver's  
bandwidth and your listening comfort. It pulls the barn door closed a  
little bit and  
cuts out a "lot of excess noise and QRM". These modifications also  
stopped the BC  
pickup I was experiencing at times with the stock SMK-1. It should work  
with any  
LM386 class audio amplifier circuit that does not already have  
components  
between pins 8 and 5.

I am currently on my ship -- a Matson Lines Containership QRA: M/V RJ  
Pfeiffer/WRJP and have my SMK-1 at 500mw for 40M along as well as a newly

built Wilderness Radio SST 20M Qrpp rig set at a little less than 1W  
output. I am  
working lots of stations worldwide with both rigs! I will be on the ship  
until  
mid-March 2002 this work session for those wanting a rare grid squares or  
just a  
chat. Our run is: Oakland/Los Angeles/Honolulu and back to Oakland...a



2 week  
R/T.

I have gotten 3k dollars worth of fun building, operating and modifying my little SMK-1 rig! Same with the SST! Hope to see you all on the air. I've been working some of the TT2 guys that are using 250mw in Washington State on 40M lately as well....makes me fell QRO with my "simple modification" to get 500mw out of my TT2 design transmitter in the SMK-1. Come join the fun on +/- 7039/14059khz !

I would appreciate feedback via email or on the air.

72/73,

Carl Young, K5HK  
1555 White Ridge Circle  
Reno NV 89509  
k5hk@earthlink.net  
775-690-1864

Now K5HK/mm near KH6 land.

Carl Young, MREO  
k5hk@juno.com  
M/V RJ Pfeiffer

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Date: Wed, 13 Feb 2002 17:11:18 -0800  
From: "Arth. Silvers" <w6ags@arrl.net>  
To: Kt3acam@aol.com  
Cc: qrp-1 <qrp-1@Lehigh.EDU>  
Subject: [119905] Re: Switching Supplies  
Message-ID: <3C6B0EB6.83A230FF@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings, Cam.

Just want to let you know that the the little Radio Shack 3A switcher that I was

touting  
some time ago turned out to be real dirty in terms of RFI. I produces a strong  
highly  
modulated signal that travels slowly up the tuning range of any radio that is in  
its  
vicinity. It'll destroy any qso you may be having...very rude.

Anyway, I deeply apologize if I influenced anyone's purchasing decision. Hope  
you've had  
better luck with yours.

72  
Arth W6AGS

Kt3acam@aol.com wrote:

> Thanks Art,  
>  
> I did buy one. It was inspected on my way through the airport security!  
> It seems to work well if you don't have the power cable too close to the  
receiver input.  
>  
> 73, Cam, kt3a

-----  
Date: 13 Feb 2002 20:34:23 EST  
From: Michael Goins <mgoins@usa.net>  
To: qrp-l@lehigh.edu  
Subject: [119906] WTB - Weber RMS digital wattmeter  
Message-ID: <20020214013423.24210.qmail@cpdvg100.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

I know it's a long shot, but does anyone have one of Steve "Melt Solder"  
Weber's digital wattmeter kits that they haven't built? I checked with St=  
eve  
and he sold them all (both batches). I'm interested in using it with a  
completely built station here. =

If so, please contact me off list. Thanks.  
mike  
wb5yjx  
1 watt all the time

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Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

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Date: Wed, 13 Feb 2002 18:40:42 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-1@lehigh.edu>  
Subject: [119907] Thursday Foxes?  
Message-ID: <Pine.LNX.4.33.0202131836060.2546-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang, been working to find the announcements of the Foxes for tomorrow but have failed. As asked most Fox will start the Subject with FOX: but they didn't do that. I will look at the web page and see if there is a planned Hunt tomorrow...

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Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

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Date: Wed, 13 Feb 2002 20:07:10 -0600  
From: "Thor, n9ik" <n9ik@qsl.net>  
To: <qrp-1@lehigh.edu>, <qrpp-i@yahoogroups.com>  
Subject: [119908] worked Russia w/ my measly 5 watts!  
Message-ID: <NEBBLNLOELOIHIEKHCPACEOLCMAA.n9ik@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Woo Hoo!!!!

5 watts with damaged vertical to his 200 watts to a 4 element beam up 40 ft.  
559 reports both ways... ;-)

- Thor, N9IK

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Date: Wed, 13 Feb 2002 18:29:39 -0800  
From: Michael Fletcher <kl7ixi@attbi.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [119909] Observation on Fox Hunting  
Message-ID: <B8906113.15A74%kl7ixi@attbi.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

One thing different about the fox hunts this year is my suspicion that some of the fox hunters' power creeps up when the fox is mired in the mud. This suspicion is coming from regular ground wave signal strengths and compared to QSO's from the same metro area running 100 watts.

Now everyone please raise their right hand and vow to check their wattmeters before tearing off to the hunt.

Thank you and 72,  
Mike KL7IXI/7  
Poulsbo, WA

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Date: Wed, 13 Feb 2002 21:43:44 -0500  
From: "Charles Mabbott" <aa8vs@msn.com>  
To: qrp-l@Lehigh.EDU  
Subject: [119910] Toledo Mobile Radio Assoc - SE MI and Northern Ohio  
Message-ID: <F25mcarcR4ZDgC81Tbd0000309d@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Here is the web page where PDF file is

<http://peleus.dhs.org:81/aa8vs/toledo.pdf>

The Club's web page is  
[www.tmrahamradio.org](http://www.tmrahamradio.org)

For those in or near the area around March 17, 02

=====  
Chuck Mabbott  
AA8VS

42 19' 52" N 83 28' 32" W  
Grid Square EN82gh  
Home Page: <http://aa8vs.dhs.org:81/aa8vs>  
FP-113 MI-QRP#1212 Firebirds #2117 SOC #445

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Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

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Date: Thu, 14 Feb 2002 03:09:17 -0000  
From: "Kenneth Evans" <w4du@mediaone.net>  
To: "QRP-1 Discussion" <qrp-1@Lehigh.EDU>  
Subject: [119911] !!FLYING PIGS & NOGA Buildathon at FDIM!!!  
Message-ID: <000701c1b505\$01be57c0\$6601a8c0@atl.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

At the FDIM building contest last year, a number of us heard comments like this one, "I sure wish I could homebrew my own equipment. I just don't have the skill and there is no one near me that can help me along". There may be some of you that have followed along on a number of the building threads on various lists and just never jumped into the fray. Well here is your chance to build something.

#### Announcing the Flying Pig/NOGA Buildathon

The Flying Pigs QRP Club International and the North Georgia QRP Club (NOGA) are sponsoring a "buildathon" at FDIM. It will be held Thursday evening, May 16, 2002 at the Ramada Inn Dayton South immediately following the FDIM Seminar (roughly from 6 PM to 8:30 PM). QRP Elmers will guide each attendee of the "Buildathon" in the Ugly style construction of a QRP Wattmeter. They will be provided with all the parts and an enclosure for the wattmeter. The Flying Pigs and NOGA will lend the needed tools and members from each club will be on hand to provide assistance. Diz, W8DIZ, and other un-named geniuses have been working in the Flying Pigs/NOGA Laboratory for Advanced QRP Techniques. The result is a design similar to the NOGA Wattmeter. This design has one meter and uses a switch to change between forward and reverse power. It will read from 0 to 6 watts forward and reverse. It is accurate from 160 to 10 meters. So here is your chance to get into homebrewing Ugly style and walk away with a fully functional wattmeter.

The price for this event is \$15.00. This includes all parts (including a meter with calibrated scale in watts), an enclosure, the loan of all needed

tools, solder and irons; and the "Elmering" assistance of some of the best QRP builders around. There will be a limited amount of seats, so if you are interested, please send \$15.00 (payable to Dieter Gentzow) to:

Dieter Gentzow  
197 Timber Trail  
Loveland, Ohio 45140

We hope to see you at the buildathon!

72/3 and oo!

For the Flying Pigs  
Diz  
W8DIZ  
w8diz@fpqrp.com

For NOGA  
Ken  
w4du@arrl.net

-----  
Date: Wed, 13 Feb 2002 22:07:31 -0500  
From: "Richard H. Arland" <rarland@earthlink.net>  
To: rbaxter@cybertrails.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [119912] Re: March QST  
Message-ID: <3C6B29F2.77E9FB9A@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thank you.

73 Rich K7SZ

bob baxter wrote:

> Group,  
> While browsing through the new issue of QST I found three feature

> articles and a two page regular column authored, or co-authored, by  
> members of this reflector. Gentlemen, I'm impressed.  
> Bob Baxter AA7EQ  
> Bisbee, Az.

-----  
Date: Wed, 13 Feb 2002 21:46:02 -0600  
From: Darrel Swenson <k0awb@tconl.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [119913] Regen RX ???s  
Message-ID: <3C6B32FA.9090806@tconl.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Hi All..

My 13 year old daughter spent the past weekend with me and we built one of the MRJ-8100 Regenerative Shortwave Receivers. We had a great time, got it built, but it doesn't work like either of us expected.

I didn't expect great performance from 15 feet of wire hung from a curtain rod in the dinning room, but I thought we would hear something. It was deaf. (Unfortunately, where my daughter lives, 15 - 30' of wire, inside, is about all the antenna she will be to put up.)

When we hooked it to my 80 meter dipole (25' high at the center... 10 ' high at the ends... 300 ohm window line...) we could hear the local 50kw AM broadcast station about 10 places on each band. (The station's transmitter is about 15 miles away.) We heard a couple of religious SW broadcasters from the US... but could not even find WWV (10, 15 or 20 MHz.) I spend tonight re-reading the instruction manual and the Summer 1999 Regen Receiver issue of QRPp. I'm not sure what to try next.

Even though I feel 'old as dirt' at times... I really have no experience with Regenerative receivers. I'm really not sure what to expect. I remember my cousin's old Heathkit receiver that got me hooked on radio when I was her age. He used an 8' CB whip standing in the corner of his bedroom for an antenna. I spent days (literally!) listening to the world on that thing.

Anyone have any suggestions for alignment, modifications, or expectations for the MRJ-8100?

Since this is sorta off topic... please respond off list to keep the traffic down... I'll post a summary and results if anyone is interested.

72... Darrel Swenson... K0AWB

-----  
Date: 13 Feb 2002 22:49:23 EST  
From: Michael Goins <mgoins@usa.net>  
To: qrp-1@lehigh.edu  
Subject: [119914] CQ - Ade Weiss W0RSP only  
Message-ID: <20020214034923.8877.qmail@cpdvgl00.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Looking for Ade. =

Tried a couple of places for an email address with no luck.  
mike  
wb5yjx

-----  
Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

-----  
Date: Wed, 13 Feb 2002 22:04:06 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: hoglund@wfu.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [119915] Re: Tuning Tuna!  
Message-ID: <3C6B3736.5F32DA90@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The short answers are "no" and "yes." The long answer follows - if not of interest, then DEL now.

Ken, one way to look at this is to consider that the function of the tuner is impedance conversion. It is adjusted to take the complex impedance appearing at the input of the feedline and change it to 50 ohms resistive. It is *\*not\** adjusted to match it "to the transmitter" in the sense that I think you mean. It is adjusted to compensate for any mismatch between the



transmission line and the antenna that would prevent the transmitter from being presented with the correct load resistance.

The tuner is the link between the transmitter output, usually via a length of 50 ohm coax, and the feedline going to the antenna or perhaps to the antenna itself. All it is required to do is an impedance transformation, and for our purposes, it really doesn't matter much at all how we deliver enough power to enable us to adjust the tuner. It may also do a balanced line to unbalanced line conversion as well.

If both the TS-180 and the TT II work properly when loaded into 50 ohms resistive, then it does not matter which transmitter is used for tuneup. The driving signal can come from any source that is convenient. If the tuner SWR meter or an external meter in the line from the transmitter to the tuner requires more power to operate than a QRP rig can put out, then either higher power must be used from another source or another type of metering must be used to indicate when the tuner is correctly adjusted. This other type of metering can involve using an antenna analyzer or even a noise bridge as a way to estimate the impedance the tuner will have at its input with the antenna and feedline connected.

If the TT II actually works better with a value of load resistance other than 50 ohms, then the tuner needs to be adjusted to present that value instead of 50 ohms. How to do this? The easiest way is probably with an antenna analyzer or a noise bridge - anything that will measure impedance and show you when you have reached a zero reactance condition with the resistive component of the desired value.

Now, it is not strictly correct to say that "any" source can be used. There are slight differences in the tuning that depend upon the source driving the SWR meter and tuner, but for our purposes on HF, they can be safely neglected. This problem is usually handled by connecting the source through an attenuator pad to isolate the tuner to an extent from the source. And there are some technical issues with adjusting the tuner to present, say, 35 ohms resistive input impedance and using 50-ohm coax to connect it to a transmitter that wants to see a 35-ohm load.

But, for practical purposes, we are interested only in getting in the ballpark with a tuner, and any way that we can get its SWR meter to function is probably adequate to allow us to get the tuner approximately adjusted.

The ultimate issue for any transmitter is whether or not it is being presented with the load impedance (resistance) that it is designed for. If it is, it will perform to spec on power output, distortion, harmonics, etc. If not, then the rig will depart from its spec'd performance in ways and amounts that depend upon the degree of mismatch.

Rigs with internal SWR meters are actually not measuring a "true" SWR as in a transmission line but rather are providing an indirect indication of the accuracy of the load resistance. If 50 ohms is the requirement, then when a 50 ohm load is present, the "SWR meter" in the rig is designed to read 1:1. If the load resistance is higher or lower, or if the load has a reactive component, the meter will not read 1:1. So, just adjust the tuner to make that meter read 1:1 and you are properly loaded.

Incidentally, other meters nearer the tuner and/or antenna will not necessarily read 1:1 when the meter nearest the actual transmitter output does. This is normal and correct behavior for cascaded SWR meters of the type we normally use. They interact with one another so always trust the reading of the one closest to the actual transmitter output, usually the internal meter if it has one.

72/73/00, George W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Kenneth Hoglund wrote:

>  
> When operating my Tuna Tin II, I usually tune up 40m with my ancient  
> TS-180S, and once I have the SWR in fine shape, leave the tuner at those  
> settings, attach the TTII, and have a go. But with a tuner we are  
> matching the transmitter with the antenna, and a different transmitter  
> would require a different 'tune', correct?  
>  
> The question has come up since I gave a Jay-Bob special TTII kit to a  
> friend for Xmas, and he's finished it and wants to get into qrp. He  
> asked how to tune the thing since it's thundering 350mW is far lower  
> than his swr meter will go. So, if the beloved TTII put out too little  
> rf to make the swr meter do more than twitch, is there an alternative  
> procedure to know if one has a match?  
>  
> If I've been doing it wrong, this may explain why my TTII qso's are as  
> minimal as its signal!

-----  
Date: Wed, 13 Feb 2002 21:08:59 -0700  
From: tailfeathers@juno.com  
To: qrp-l@lehigh.edu  
Subject: [119916] Fw: Re: Kenwood 721a

Message-ID: <20020213.211748.-582401.0.tailfeathers@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The 721a is sold...sorry....Can anyone help this guy?

Gary

----- Forwarded message -----

From: amir hamzah hamka <9w2zf@batam.com>  
To: tailfeathers@juno.com  
Its ok, Gary... may be u can find another model for me (2nd hand). If u have rigs can make cross band please let me know.. thanks again, Gary.

73,  
Fadzli  
(9W2ZF)

-----  
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Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Wed, 13 Feb 2002 22:19:36 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: "Karl F. Larsen" <k5di@zianet.com>  
Subject: [119917] FOX -- AG0T Cub Fox Preliminary Log  
Message-ID: <200202140419.AA01015@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Here's my log from last night. You guys know the drill.  
Send any corrections ASAP. Thanks again to one and all!

72/73,

Todd, AG0T

time	call	rst	spc	name	power
0200	w5yr	559	tx	george	5w
0202	w5usj	559	tx	chuck	5w
0203	ve4wi	559	mb	craig	5w

0204	kk5ld	559 tx	dan	5w	
0205	wr5o	559 tx	dave	5w	
0208	af4ps	559 fl	mac	3w	
0209	k5jhp	559 tx	bill	5w	
0210	k4gt	559 ga	jim	5w	
0212	k5sr	559 tx	dale	5w	
0217	aa5o	599 la	vern	5w	
0219	n1tp	559 fl	tom	5w	
0220	k8cv	559 mi	walt	2w	
0221	kc1fb	559 ct	jim	5w	
0223	w0ch	559 mo	dave	900mw	
0225	nu8s	559 oh	dennis	5w	
0228	w0is	599 mn	rick	5w	
0229	ac5jh	559 ok	tom	5w	
0231	wa8bxn	599 oh	mike	5w	
0233	n9ik	559 il	thor	500mw	
0235	n8var	559 oh	ron	5w	
0237	n9ne	579 wi	todd	500mw	
0238	we9k	559 wi	glenn	5w	
0241	aj4ay	559 al	jay	5w	
0242	k8kfj	559 wv	gary	5w	
0247	kc9lc	559 va	randy	5w	
0248	n9aw	559 wi	jerry	5w	
0250	ko4wx	559 ga	mike	1w	
0252	wa9tze	559 wi	jim	5w	
0254	k4byf	559 fl	jack	5w	
0255	ab8df	559 mi	ed	5w	
0257	w9xu	559 wi	lon	5w	
0300	nk9g	559 wi	rick	5w	
0307	w5tb	559 tx	doc	5w	
0310	kg6cyn	559 ca	trev	5w	
0314	k4adi	559 sc	frank	5w	
0314	we9k	599 wi	glenn	200mw	DUPE
0317	kk5na	559 tx	joe	5w	
0318	w9mc	599 wi	mike	5w	
0321	kj0c	599 mo	jim	5w	
0322	n5ze	559 tx	lew	5w	
0326	wb6bwz	559 ga	matt	5w	
0328	kb6wpk	559 ca	???	5w	
0330	ve5rc	559 sk	bruce	5w	

0340	kg4chx	559 nc	tim	5w
0341	n0it	559 mo	dave	4w
0343	ki0ii	579 co	ron	700mw
0344	n0nf	559 ne	john	5w
0347	wb8wtu	559 oh	dennis	5w
0353	kg0ld	449 ne	bill	4w
0355	k5di	559 nm	karl	5w
0400	ag0t	559 nd	todd	4w

-----

Date: Wed, 13 Feb 2002 23:53:21 EST  
 From: Macstein@aol.com  
 To: qrp-l@lehigh.edu  
 Subject: [119918] CONGRATULATIONS TO N1ODL  
 Message-ID: <183.38cccf0.299c9cc1@aol.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset="US-ASCII"  
 Content-Transfer-Encoding: 7bit

My buddy Aron passed his Extra exam tonight, missing only 2 questions!!!  
 Congrats my friend!

-MAC-  
 AF4PS  
 Odessa, FL

-----

Date: Wed, 13 Feb 2002 21:59:59 -0600  
 From: "Marshall Emm" <mgemm@mtechnologies.com>  
 To: qrp-l@lehigh.edu  
 Subject: [119919] FOX: A Valentine For You Tomorrow Night  
 Message-ID: <3C6AE1DF.5146.26FB847@localhost>  
 MIME-Version: 1.0  
 Content-type: text/plain; charset=US-ASCII  
 Content-transfer-encoding: 7BIT  
 Content-description: Mail message body

Tomorrow night there will be a "fill in" Fox--  
 W0CQC, the club station of the Colorado QRP Club.

This one doesn't count in the Fox competition, so  
 we're going to have a little fun with it and  
 provide a litte extra fun for the hounds (yes it  
 DOES count for hounds).

W0CQC is going to be multi-opped, and I'm not going to tell you anything more than that [g]. There will be at least two operators (using their own names). They will alternate frequently and each has his own operating style, so the onus is on you to listen and figure out where the fox is listening. W0CQC will be somewhere above 7.040, (maybe [g]).

Good luck, and may the Fox be with you....

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382  
--

-----  
Date: Wed, 13 Feb 2002 23:12:55 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [119920] QRPDUPE  
Message-ID: <Pine.LNX.4.33.0202132311580.18665-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have to reload QRPDUPE...would someone please give the url?...I tried searching and found everything else but....thanks...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----

Date: Wed, 13 Feb 2002 23:31:00 -0600  
From: "Bill & Linda Milligan" <milligan@charter.net>  
To: <rattray@gpfn.sk.ca>,  
    "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [119921] RE: QRPDUPE  
Message-ID: <002101c1b518\$c94eed00\$0100a8c0@milligan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Try <http://www.dancris.com/~bkassel/index.htm#top> for the latest QRPDUPE.

Bill K4BX  
Spring Hill, TN  
k4bx@charter.net  
=A0=20

I have to reload QRPDUPE...would someone please give the url?...I tried searching and found everything else but....thanks...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
    A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
    - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
    "QRP! How sweet it is!"           "I am da man wit "DAH" paddle!"

-----  
Date: Wed, 13 Feb 2002 22:18:13 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [119922] DDS VFO  
Message-ID: <00c301c1b51f\$62453180\$0c9fb2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Guys and Gals,

Just put the DDS VFO to bed. Look at the e-mail that I sent to QRPP-I below to see the features. I'm wondering what kind of interest there

may be in a kit of this type. Read the e-mail below and please reply to me off the list if you are interrested. Keep in mind, this is not a cheap kit. BTW I don't have enough RAM on the CPU to do the Iambic Keyer. It was kind of an after thought anyway. Take care all...now I'll have a bit of time to get on the air!

Best 72/73's  
Trev  
KG6CYN

> Hi Brice,  
>  
> Cool pics on the TT with VFO!!! Nice job. Thanks for the mention on  
the  
> web page. BTW, been writing tons of code and am over 4000 lines right  
now  
> for the DDS project. Here are the features that work so far:  
>  
> Single/Split VFO: In Single mode, 1 frequency is displayed down to 1  
Hz  
> on the top line. Split mode is entered by turning on the Split/RIT  
> switch. In Split mode, 2 frequencies are displayed, the RX frequency  
on  
> the top line and the TX frequency on the bottom line. Each frequency  
in  
> split mode is independently adjustable (this will be great for fox  
> hunting!) on the fly. You select either VFO to adjust by momentarily  
> (<.5 seconds) pressing the RX TX Adjust button. An "R" is displayed on  
> the top line when RX is selected and a "T" is displayed on the bottom  
> line when it is selected. When either frequency is not selected for  
> adjustment, a lower case version of "r" or "t" is displayed next to  
each  
> line. The Output frequencies are switched (RX going to TX and back) by  
> pulling the TX line on the processor low. Frequency range of the VFO  
is  
> 1 Hz to 40 MHz (minus any programmed RX Offset and CW Offset)  
>  
> Frequency Memories: There are 51 frequency memories (00-50). Memory 00  
> is the startup frequency.  
>  
> Programable RX Offset: This is for Superhet RX's. An offset frequency  
> can be programmed to be added to the displayed frequency. In other  
> words, if you programmed an RX Offset of 4 MHz, and the Displayed  
> frequency is 30 MHz, the output frequency would be 34 MHz. The RX  
Offset  
> limits the upper frequency limit, ie with the last example 36 MHz  
would



> be the highest Displayed Frequency, but you'd be putting out 40 MHz.  
> When the TX line is held low the offset goes away for transmit.  
>  
> Programmable CW Offset: Similar to RX offset, a frequency can be  
> programmed into the VFO as your CW offset. You set it on the fly by  
> momentarily pressing the TS switch. A "+", "-", or blank space appear  
> after the RX frequency to indicate whether the CW Offset is positive,  
> negative, or if you are zero beat with the TX frequency.  
>  
> Adjustable Tuning Steps: Tuning steps are adjustable from 1 Hz to 1  
MHz  
> on the fly. Press and hold the TS button and rotate the encoder to  
> adjust. The tuning step value is displayed while you are adjusting ie  
> "TS = 100 KHz". Tuning steps are set to 1 MHz at power up to rapidly  
get  
> to the desired band.  
>  
> Calibrate Mode: Calibrate mode is entered by holding down the TS  
button  
> at power up. The VFO sends out a 10 MHz signal, and the encoder is  
then  
> turned to make the output exactly 10 MHz. After you are finished  
> adjusting the encoder, momentarily press TS again to exit. Upon exit,  
> new calibrate values are stored into the EEPROM and normal operation  
> resumes. The output frequency will now be within 1 Hz of the displayed  
> frequency.  
>  
> Set To Default: By holding down the RX TX Adjust button during power  
up,  
> you enter Set to Default mode. After you enter this mode, if you press  
> the TS button all frequency memories and offset memories (except  
> calibrate) are set to their default values. Frequency memories are set  
> to 10 MHz, RX Offset is cleared, and CW Offset is set to 500 Hz.  
>  
> So that's about it. 2 buttons, 1 switch and an encoder for front panel  
> controls, and the TX line for RX TX keying. I programmed a nice easy  
> menu for storing/reading frequencies and programming offsets. The only  
> thing left is the Iambic keyer (yes, modes A and B will be selectable  
> along with speed if I do it). I'm not sure that I have enough ROM in  
the  
> CPU though, because I also want to incorporate a keyer memory for  
> beacon/CQ mode if I do it. Besides, the TICK keyer already does all  
> that, Hi! The CPU is a plain jane 80C52 (actually an Atmel AT89C52 -  
> plain jane with Flash rom). The EEPROM for non volatile memory is a  
> serial flash chip (AT24C02). The DDS is an Analog Devices AD9850. The  
> display is a Sieko 16 character by 2 line job (Nice!). I'll be working  
> on the circuit board design this week, and should see proto's within a  
> month. The output of the DDS goes through an elliptical filter and an

> MMIC to give you a nice clean .5 Vpp signal source (Steve, thanks for  
> the idea to use the MMIC!). There will be a prototype area on the DDS  
> board to give you an area to build a PA if higher output is required,  
or  
> to build mods. I haven't figured out the cost yet, but if I kit it, it  
> won't be too cheap (\$100 to \$150). The AM Boat Anchor guys are all  
over  
> it, so I may do a limited run of kits once the prototypes check out. I  
> basically want to use this as the front end for the FOX HUNT SPECIAL rig  
> that I'm building for myself. Someone could take this VFO and easily  
> build a multi band rig though. It's been a fun project, but I'm at the  
> point where I want to get it finished. Take care and let me know what  
> you think...

>  
> Best 72/73's  
> Trev  
> KG6CYN

>  
>  
>  
> ----- Original Message -----  
> From: Brice D. Hornback <bdh@cyberbound.net>  
> To: <QRPP-I@yahoogroups.com>  
> Sent: Wednesday, February 13, 2002 1:02 AM  
> Subject: [QRPP-I] PT0/VFO Tuned TINY-TORNADO

>  
>  
> > Speaking of the Tiny-Tornado kits and PT0s... I just uploaded a new  
> page on  
> > the PT0/VFO tuned Tiny-Tornado I built. I've included photos and  
> schematics  
> > so you can do the modifications and put a PT0/VFO on your  
Tiny-Tornado  
> too!

> > :- ) Mine tunes the entire 40-meter band and puts out 1-watt as  
> measured by  
> > my KD1JV "Melt Solder" RMS RF Power Meter. Of course, you could  
build  
> it  
> > for any band you want. I use the PT0/VFO by WA60TP. There is a  
link  
> on the  
> > page to that kit as well.

> >  
> > Please let me know what you all think...

> >  
> > Check it out at <http://www.QRPP-I.com>

> >

> > 73/72/71! de Brice KA8MAV  
> > Tiny-Tornado REV2d Transceiver Kits  
> > NOW ACCEPTING ORDERS!  
> >  
> >  
> >  
> > ----- Yahoo! Groups  
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>  
> -----~  
> ->  
> >  
> > To unsubscribe from this group, send an email to:  
> > [QRPP-I-unsubscribe@yahoogroups.com](mailto:QRPP-I-unsubscribe@yahoogroups.com)  
> >  
> > Check out what's new at the  
> > QRPP International Radio Club's Web site:  
> > <http://www.QRPP-I.com>  
> >  
> >  
> >  
> > Your use of Yahoo! Groups is subject to  
> <http://docs.yahoo.com/info/terms/>  
> >  
> >  
> >  
>

-----  
Date: Thu, 14 Feb 2002 01:22:58 EST  
From: W2SH@aol.com  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Subject: [119923] RE: Helically Wound Antennas  
Message-ID: <11a.bf5b65a.299cb1c2@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The great advantage of a slinky is that an antenna can be formed from what is a very compact package. The logical application for a slinky antenna is when it is desired to quickly transform a small handful of metal into a decently sized antenna, and vice versa.

Over the years I have seen slinkies with diameters ranging from 1.5 to 3 inches in diameter. Most of these were galvanized steel, but one of the smaller ones was copper plated steel. I once ran across an advertisement for a stainless steel slinky, but have never seen one. When clean, galvanized steel tins easily, and then soldering another wire to it is easy. Stainless steel can be soldered, but with considerable difficulty, even when using a special flux.

The disadvantage of the slinky is that it is made out of steel. Notwithstanding a tip-off in Moxon's book, it has taken me many years to learn that antennas and feedlines made out of magnetic materials perform less well than those made out of copper or aluminum.

When I bought my first 5/8 wavelength two-meter mobile whip, the salesman told me that it was great because it was stainless steel and highly flexible, and, he went on, it has a copper plating and therefore with skin effect it radiates just like a copper wire. Like a dummy, I believed him.

I've built many antennas and feedlines with solid Copperweld wire, and, even worse, with stranded Copperweld.

Like most hams I thought that with skin effect I was home free, in that I could completely ignore what the copper was wrapped around, and what was wrapped around the copper (the insulation) as well.

T'AIN'T SO!!!

As for slinky antennas, if one is contemplating a reasonably permanent installation, a linear loaded or a meander configuration with solid copper wire would be a better bet , for these are easier to construct and hold in place than a helix.

72/73,

Charles, W2SH

-----

Date: Wed, 13 Feb 2002 22:27:46 -0800 (PST)  
From: Doug Simpson <dsimpson@darkwing.uoregon.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [119924] Re: (almost) Free! ESD Kits -- we have a winner!  
Message-ID: <Pine.GS0.4.44.0202132216420.1122-100000@darkwing.uoregon.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow! Now I know how the fox feels! :)

I've got enough names for the ESD kits I have and a few extra in case anyone changes their mind or doesn't follow up on my return mail to them. I'll send the first 13 to respond the news and my address tomorrow morning. If you wrote and DON'T hear back from me, you're on the waiting list.

I'll be rummaging through the trashcans around here more often for more goodies, and with a good excuse! :)

72,  
Doug Simpson, WA7SKY  
(in and around Eugene, OR)

On Wed, 13 Feb 2002, Doug Simpson wrote:

> (Re: giving something back to the Community)  
>  
> In the spirit of the season (pick a season) and with all that Doug  
> Hendricks, Jay Bromley, and so many others (from Abe to Zachariah) have  
> given to the QRP-l list I'd like to pass on a nifty low-cost accessory if  
> it's of interest to you:  
> ...snipped...

-----  
Date: Thu, 14 Feb 2002 05:47:21 -0500  
From: "Charles Mabbott" <aa8vs@msn.com>  
To: qrp-l@Lehigh.EDU  
Subject: [119925] Web page/ server/ PC TU  
Message-ID: <F12JtE1zoJcg4PEFRiv00013024@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Folks,  
My computer/ sever has went down seems like hardware, but have not had time to look into it yet. I have some family things to take care of first before I can get to it. Sorry for the inconvenience, especially after posting about the Toledo Mobile..... yada yada

[Http://aa8vs.dhs.org:81/aa8vs](http://aa8vs.dhs.org:81/aa8vs)

[Http://peleus.dhs.org:81/aa8vs](http://peleus.dhs.org:81/aa8vs)

Are no longer functioning until further notice.

73 oo

Chuck AA8VS

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

-----  
Date: Thu, 14 Feb 2002 05:19:17 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Dave <wr3i@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [119926] Re: Crystal Checker  
Message-ID: <Pine.LNX.4.33.0202140517100.1620-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave the schematic is from an old book. It works and is not too hard to build. I have the one page info sheet in .pdf form so if you want it I will send it to you.

On Wed, 13 Feb 2002, Dave wrote:

> where did ya get the kit or info?  
> Dave  
>

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Thu, 14 Feb 2002 05:29:01 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [119927] Google is Dead  
Message-ID: <Pine.LNX.4.33.0202140525490.1620-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Depression must have wiped out this very fine source of information. I count on Google to find those hard to find QRP web pages

around the world. I will have to return Yahoo which has a lot of advertising which is why it's still there.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----

Date: Thu, 14 Feb 2002 07:27:30 -0500  
From: Michael Bower <bowerm@ix.netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [119928] Re: Google is Dead (OT)  
Message-ID: <3C6BAD32.1F477234@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Karl, why do you say Google is dead? I just tried it on a simple search ("njqpr") and a more complex search ("scholarships +college +fafsa") and it worked fine.

Is there something under the covers going on that we should know about?

Michael N4NMR

I guess since this is what I also use for a lot of QRP searching, it is only slightly off topic <vbg>

"Karl F. Larsen" wrote:

>  
> The Depression must have wiped out this very fine source of  
> information. I count on Google to find those hard to find QRP web pages  
> around the world. I will have to return Yahoo which has a lot of  
> advertising which is why it's still there.

>

> --

> Yours Truly,

>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
> <http://www.zianet.com/k5di/>

--

73 de N4NMR  
Michael Bower  
Ashburn, VA (near Washington, D.C.)

-----  
Date: Thu, 14 Feb 2002 07:34:59 -0500  
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119929] Re: Google is Dead  
Message-ID: <007801c1b554\$0520cac0\$ea02b3d8@obvious>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Google is working fine for me.

Dick K2JQ  
-----Original Message-----  
From: Karl F. Larsen <k5di@zianet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Thursday, February 14, 2002 7:23 AM  
Subject: Google is Dead

>  
> The Depression must have wiped out this very fine source of  
> information. I count on Google to find those hard to find QRP web pages  
> around the world. I will have to return Yahoo which has a lot of  
> advertising which is why it's still there.  
>  
>--  
>Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
> <http://www.zianet.com/k5di/>  
>

-----  
Date: Thu, 14 Feb 2002 06:37:08 -0600  
From: Chuck Carpenter <w5usj@9plus.net>  
To: k5di@zianet.com,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [119930] Re: Google is Dead [NOT]



Message-ID: <3.0.2.32.20020214063708.0083cca0@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Karl - I just tried Google and it's working just fine.

Must have been updating their web page or some such.

> The Depression must have wiped out this very fine source of  
> information. I count on Google to find those hard to find QRP web pages  
> around the world.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, SOC #57, 6 Club #201, SMIRK #6275  
Zombie #759, QRPp-I #115, COG #11, NETXQRP <http://www.netxqrp.org>

-----  
Date: Thu, 14 Feb 2002 08:02:52 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: <Macstein@aol.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119931] Re: CONGRATULATIONS TO N10DL  
Message-ID: <00d101c1b557\$ea58e0c0\$b8372bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Way to go Aron!!

I am absolutely seething with a jealous rage!! <grin>

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

----- Original Message -----  
From: <Macstein@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, February 13, 2002 11:53 PM  
Subject: CONGRATULATIONS TO N1ODL

> My buddy Aron passed his Extra exam tonight, missing only 2  
questions!!!  
> Congrats my friend!  
>  
> -MAC-  
> AF4PS  
> Odessa, FL  
>  
>

-----  
Date: Thu, 14 Feb 2002 08:17:36 -0500  
From: Chuck Ludinsky <cjl@mitre.org>  
To: neqrp@jona1.net, qrp-1@lehigh.edu  
Subject: [119932] NEQRP CW Net, 14 February 02, 8:30 PM EST, 3.565MHz  
Message-ID: <3C6BB8F0.EF917EFA@mitre.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 14 February 2002, at 8:30 PM EST (0130Z, 15 Feb 02) on or near 3.565 MHz. Net control operator for this week's 80M session will be Chuck, K1CL, operating from Chelmsford, MA.

Signals were strong again last week, with everyone doing 589 or better. Chuck, K1CL, was net control operator, working from Chelmsford, MA. We had a total of eight participants:

AA5JO	Ed	Tyngsboro, MA	599
W4MQC	Alan	Goshen, NH	599
WA1CFX	Howard	Jamaica Plains, MA	599
AB8DF	Ed	Waterford, MI	589
WB1HBE	John	Chelmsford, MA	599
KD1YV	Jim	Bethel, CT	599
K1LGQ	Dennis	Brookline, NH	599
K1CL	Chuck	Chelmsford, MA	net op

Alan, W4MQC, was operating from his old family homestead in Goshen, NH, up near Mt. Sunapee. Skiing that weekend, Alan? Ed, AB8DF, reported high temps and melting snow in MI; good to hear, since we usually get

the same weather the following day. Dennis, K1LGQ, let us know that he's planning another NEQRP luncheon meeting -- something to look forward to.

Thanks to everyone for QNI'ing. Hope to hear you again on this week's net.

72 DE K1CL,  
Chuck

-----  
Date: Thu, 14 Feb 2002 08:35:29 -0500  
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>  
To: qrp-l@Lehigh.EDU  
Subject: [119933] Re: Google is Dead  
Message-ID: <0FAC396AE0.ECD86C88-ON85256B60.004A7910@troy.pmifeg>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The dead search engine is Northern Light: <http://www.northernlight.com>  
Next to Goggle, this was probably my 2nd favorite with less junk and more good content. It's now a paid subscription search engine.... ;-(

Steve

"Karl F. Larsen" <k5di@zianet.com>  
Sent by: owner-qrp-l@Lehigh.EDU  
02/14/2002 07:29 AM  
Please respond to k5di

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
cc:  
Subject: Google is Dead

The Depression must have wiped out this very fine source of information. I count on Google to find those hard to find QRP web pages around the world. I will have to return Yahoo which has a lot of advertising which is why it's still there.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Thu, 14 Feb 2002 08:10:27 -0600  
From: <jfox6@houston.rr.com>  
To: "QRP" <qrp-1@lehigh.edu>  
Subject: [119934] Re: DDS VFO  
Message-ID: <002401c1b561\$5aa4f5e0\$9902a8c0@houston.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

We had a demo at our club meeting last evening. The concept is great.  
The freq coverage was 5mhz to 5.5mhz.  
Not a great span, but the concept worked perfectly. However, as I  
understand it, if you want to change frequency coverage, you have to  
reprogram the processor. The S/W to do this is not included in the kit.  
The processor is a SMD and comes already installed.  
I feel, for education wise, it is worth the effort.

Foxy  
jfox6@houston.rr.com  
<http://www.qsl.net/w5hir>

-----  
Date: Thu, 14 Feb 2002 09:18:15 -0500 (EST)  
From: baltimoremd@baltimoremd.com  
To: "Karl F. Larsen" <k5di@zianet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [119935] Re: Google is Dead  
Message-ID: <20020214091534.045803-1000000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 14 Feb 2002, Karl F. Larsen wrote:

>  
> The Depression must have wiped out this very fine source of  
> information. I count on Google to find those hard to find QRP web pages  
> around the world. I will have to return Yahoo which has a lot of  
> advertising which is why it's still there.

Fairly myopic viewpoint, isn't it? Just because you can't reach it  
doesn't mean others can't.

And of course, it's amazing that you could draw the conclusion that  
because you couldn't reach it that .....yatta, yatta, the rest of your  
tortured logic.

Beware of chickens speaking of the end of the world.

thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
<a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>	Baltimore's Home Page
<a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a>	Home of the Baltimore Lexicon
<a href="http://www.zerobeat.net">http://www.zerobeat.net</a>	Home of The QRP Web Ring and Drake Mail List Pages

-----  
Date: Thu, 14 Feb 2002 09:21:45 -0500  
From: W2AGN <w2agn@pobox.com>  
To: Bruce Rattray <rattray@gpfn.sk.ca>,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [119936] Re: QRPDUPE  
Message-ID: <02021409214500.04795@jsielke>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

On Thursday 14 February 2002 00:12, Bruce Rattray wrote:

> I have to reload QRPDUPE...would someone please give the url?...I tried  
> searching and found everything else but....thanks...

>  
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

--

<http://www.dancris.com/~bkassell> (might be one "l" on Kassell, I forget.)

-----  
John L Sielke W2AGN  
w2agn@pobox.com

<http://www.qsl.net/w2agn>  
Trustee: W3IYQ

-----  
Date: Thu, 14 Feb 2002 06:50:56 -0800 (PST)  
From: Patrick Gardella <pgardella@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [119937] Sample Parts for Free  
Message-ID: <20020214145056.83004.qmail@web13001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Some people probably know this already, but it doesn't hurt to let all the new folks know!

Maxim & Dallas Semiconductors (same company) offers two free samples of any of their products (almost...they won't give you TINI chips). So if you need ICs, or parts (including their 1-Wire products), you can have them for free. They even pay for shipping.

For instance, I needed one of their MAX232CPE chips (RS232 on a DIP) for use in a keyer I'm building. They shipped me two, and I got them in a few days.

<http://dbserv.maxim-ic.com/samplecart.cfm>

It's a very generous offer, so don't abuse it, and if you are kitting something, it wouldn't hurt to use their products to help pay them back.

Patrick KD4LOX

P.S. I have no affiliate with Maxim or DalSemi.

-----  
Do You Yahoo!?  
Send FREE Valentine eCards with Yahoo! Greetings!  
<http://greetings.yahoo.com>

-----  
Date: Thu, 14 Feb 2002 08:10:22 -0700  
From: William R Colbert <w5xe@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [119938] Re: Google is Dead [NOT]  
Message-ID: <20020214.081024.-370313.0.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Google is still working fine. There was an announcement Monday in the USA technical news that Yahoo search engine was going to paid subscription - 4.95 a month, to start. I poked in a search for a new receiver I just got (Racal 6790) to see if I could come up with a source of information and schematics - came up with a whole bunch of references.

73  
Ray  
A penny saved is a government oversight.  
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M  
NARTE-NCT2R FP# 111, SOC#78, QRP-ARCI 5784,  
El Paso, (FAR WEST) TEXAS

-----  
Date: Thu, 14 Feb 2002 10:24:18 -0500  
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: <qrp-1@lehigh.edu>  
Subject: [119939] keyboards, cw readers  
Message-ID: <6579C6377F475547985F0B3E426E16261403E3@0CCLUST01EVS1.ugd.att.com>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi

As someone who knows, most definitely keyboards and cw readers are two different items, in fact may not even be associated with a computer, no computer around the place in the case of a cw reader. It is completely stand alone.

A keyboard may be part of logging software, may not be either, I think MFJ has a or had a keyboard cw keyer that was stand alone too.

Having said that, I must say that now a days, a good many keyboards are part of the logging software. In contests I expect that if a key board = is used it is to interface to the computer, which is sending most of the = exchange. As someone else said also that most also have a paddle plugged in to = slow down, for those rare times when a repeat or qrs is requested.=20

Having watched a high speed keyboard operater go, I can tell you that in = contests a high speed op is not using a reader, most of the readers I = have seen work can not keep up with displaying the code received fast enough. =

The human op has already responded and gone on to the next contact = before the reader has finished displaying the first one. Readers may and I mean = only may display the correct information anyway, I not at all impressed with any = reader I have seen, and I have seen some that can pick put signals where I had = trouble even hearing the signal.=20

My .02 cents worth.

Marty

-----  
Date: Thu, 14 Feb 2002 10:34:51 -0500  
From: dmaliniak@penton.com  
To: qrp-l@lehigh.edu  
Subject: [119940] OT: Where do Flying Pigs eat?  
Message-ID: <0F5E076D4A.B64A3FD1-0N85256B60.0055883B@penton.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

<http://www.nytimes.com/2002/02/13/dining/13WELL.html>

-----  
Date: Thu, 14 Feb 2002 08:51:00 -0700  
From: tailfeathers@juno.com  
To: k5di@zianet.com



Cc: qrp-1@Lehigh.EDU  
Subject: [119941] Re: Google is Dead  
Message-ID: <20020214.085430.-458177.7.tailfeathers@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

You guys need to try Webferret. It searches all of the different engines.  
Gary

On Thu, 14 Feb 2002 05:29:01 -0700 (MST) "Karl F. Larsen"  
<k5di@zianet.com> writes:

>  
>       The Depression must have wiped out this very fine source of  
>  
> information. I count on Google to find those hard to find QRP web  
> pages  
> around the world. I will have to return Yahoo which has a lot of  
> advertising which is why it's still there.  
>  
> --  
> Yours Truly,  
>  
>       - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
>               <http://www.zianet.com/k5di/>  
>  
>

---

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<http://dl.www.juno.com/get/web/>.

---

Date: Thu, 14 Feb 2002 08:11:23 -0800  
From: Lee Hopper <leehop@qwest.net>  
To: qrp-1@Lehigh.EDU, rod@n0rc.com  
Subject: [119942] Re: MS-30 #2  
Message-ID: <3C6BE1AB.4020405@qwest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Fantastic job, Rod. Thanks for posting.  
Case looks great - BTW, what is an LMB case?

Gents, if you haven't visited Rod's site & seen the pictures, do so!

<http://www.radioactivehams.com/~n0rc/ms30/ms30.html>

-LH

-----  
Date: Thu, 14 Feb 2002 09:18:45 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <baltimoremd@baltimoremd.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [119943] Google has come to life  
Message-ID: <Pine.LNX.4.33.0202140916160.2845-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well Tom I just tried it this morning and it's back up. It has been down either in the early morning or something for at least a week. I will check again at 5:30 AM MST and see if that's a maintenance period or such.

On Thu, 14 Feb 2002 baltimoremd@baltimoremd.com wrote:

> On Thu, 14 Feb 2002, Karl F. Larsen wrote:  
>  
> >  
> > The Depression must have wiped out this very fine source of  
> > information. I count on Google to find those hard to find QRP web pages  
> > around the world. I will have to return Yahoo which has a lot of  
> > advertising which is why it's still there.  
>  
> Fairly myopic viewpoint, isn't it? Just because you can't reach it  
> doesn't mean others can't.  
>  
> And of course, it's amazing that you could draw the conclusion that  
> because you couldn't reach it that .....yatta, yatta, the rest of your  
> tortured logic.  
>  
> Beware of chickens speaking of the end of the world.  
>  
> thom  
>  
> baltimoremd@baltimoremd.com                      Thom LaCosta K3HRN Webmaster  
> <http://www.baltimoremd.com/>                      Baltimore's Home Page  
> <http://www.baltimorehon.com/>                      Home of the Baltimore Lexicon

> <http://www.zerobeat.net> Home of The QRP Web Ring  
> and Drake Mail List Pages  
>  
>

--

Yours Truly,

- Karl F. Larsen, [k5di@arrl.net](mailto:k5di@arrl.net) (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Thu, 14 Feb 2002 09:24:12 -0700  
From: "John\_Evans" <[jaevans@codenet.net](mailto:jaevans@codenet.net)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [119944] Re: MS-30 #2  
Message-ID: <200202140924.AA130286020@mail.codenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

LMB - Length x Middle x Breadth

sorry

72 - john - n0hj

----- Original Message -----  
From: Lee Hopper <[leehop@qwest.net](mailto:leehop@qwest.net)>  
Reply-To: [leehop@qwest.net](mailto:leehop@qwest.net)  
Date: Thu, 14 Feb 2002 08:11:23 -0800

>Fantastic job, Rod. Thanks for posting.  
>Case looks great - BTW, what is an LMB case?

-----  
Date: Thu, 14 Feb 2002 08:26:19 -0800 (PST)  
From: Patrick Gardella <[pgardella@yahoo.com](mailto:pgardella@yahoo.com)>  
To: [jaevans@codenet.net](mailto:jaevans@codenet.net),  
Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [119945] Re: MS-30 #2  
Message-ID: <20020214162619.19289.qmail@web13005.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

LMB = Little Metal Box? ;)

Patrick KD4LOX

--- John\_Evans <jae Evans@codenet.net> wrote:

> LMB - Length x Middle x Breadth

>

>

> sorry

>

> 72 - john - n0hj

>

> ----- Original Message -----

> From: Lee Hopper <leehop@qwest.net>

> Reply-To: leehop@qwest.net

> Date: Thu, 14 Feb 2002 08:11:23 -0800

>

> >Fantastic job, Rod. Thanks for posting.

> >Case looks great - BTW, what is an LMB case?

>

-----  
Do You Yahoo!?

Send FREE Valentine eCards with Yahoo! Greetings!

<http://greetings.yahoo.com>

-----  
Date: Thu, 14 Feb 2002 10:31:03 -0600

From: Ed Manuel <edmanuel@directvinternet.com>

To: qrp-l@lehigh.edu

Subject: [119946] LMB Boxes

Message-ID: <4.3.2.7.2.20020214103004.00b93f00@mail.directvinternet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Who can say what it really means - but,

<http://www.lmbheeger.com/> manufacturer of the "LMB Box"

At 08:26 AM 2/14/02 -0800, you wrote:

>LMB = Little Metal Box? ;)

>

>Patrick KD4LOX

>

>--- John\_Evans <jaevans@codenet.net> wrote:  
> > LMB - Length x Middle x Breadth  
> >  
> >  
> > sorry  
> >  
> > 72 - john - n0hj  
> >  
> > ----- Original Message -----  
> > From: Lee Hopper <leehop@qwest.net>  
> > Reply-To: leehop@qwest.net  
> > Date: Thu, 14 Feb 2002 08:11:23 -0800  
> >  
> > >Fantastic job, Rod. Thanks for posting.  
> > >Case looks great - BTW, what is an LMB case?  
> >  
>  
>  
>-----  
>Do You Yahoo!?  
>Send FREE Valentine eCards with Yahoo! Greetings!  
><http://greetings.yahoo.com>

-----  
Date: Thu, 14 Feb 2002 09:21:19 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: qrp-l@lehigh.edu  
Subject: [119947] OT: 13 yr olds can be useful!  
Message-ID: <p0501040eb891a145043f@[209.239.211.78]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Just wanted to clarify one thing-I received a number of nice emails from my post, and to clarify, my 13 yr old son is a wonderful fellow, and I love him dearly! Haven't been able to get him very interested in ham radio ( yet), but he's a member of a local HO model railroad club. The average age is over 50, and they've found he's quite useful for crawling around under layouts, checking wiring, and identifying small parts with those youthful eyes :). I use him whenever my magnifier won't do the job for small parts on my kits-maybe time to go scour your neighborhood for a 13 yr old!

--  
Dan Presley-N7CQR-Portland, Or QRP-L #502  
[n7cqr@arrrl.net](mailto:n7cqr@arrrl.net)

-----  
Date: Thu, 14 Feb 2002 12:37:23 -0500  
From: W2AGN <w2agn@pobox.com>  
To: "Karl F. Larsen" <k5di@zianet.com>,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [119948] Re: Google is Dead  
Message-ID: <02021412372304.04795@jsielke>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

On Thursday 14 February 2002 07:29, Karl F. Larsen wrote:  
> The Depression must have wiped out this very fine source of  
> information. I count on Google to find those hard to find QRP web pages  
> around the world. I will have to return Yahoo which has a lot of  
> advertising which is why it's still there.

--

Google is alive and well.

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
Trustee: W3IYQ

-----  
Date: Thu, 14 Feb 2002 18:56:33 +0100  
From: Jerome.Peters2@infineon.com  
To: qrp-l@Lehigh.EDU  
Subject: [119949] VFO question  
Message-ID:  
<57427888BDF5D4118BA40008C7286B3E017590D2@yahooobb219001008121.bbtec.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Has anybody ever seen a VFO design that uses more than one variable capacitor?

It seems to me that a Series tuned (J-fet or tube) Colpitts oscillator could be made with three separate variable capacitors if there shaft was tied together.

The reason I ask is:

I recently picked up a beautiful variable capacitor assemble that is just dying to find a home in a VFO project. It is approx 5"x5"x10" in size and weighs 5-6 lbs.

There is one shaft that drives three different (and electrically isolated) caps on a 10:1 worm gear. Two of the caps are the same with aprox 20pF to 1200pF range. The third cap is aprox 10pF to 600pF.

Is there a technical reason why you should not make all three of the caps in a series tuned colpitts osc variable?

Any helpful advice would be much appreciated!

Thanks / Regards Jerome KC6ENE

-----  
Date: Thu, 14 Feb 2002 12:57:27 -0500  
From: Ken Newman <N2CQ@dandy.net>  
To: EPA-QRP@yahoogroups.com, QRP-L@lehigh.edu, njqrp@njqrp.org,  
n9avg@amsat.org, w3bg@arrl.net  
Subject: [119950] [CONTEST] N2CQ QRP Contest Calendar Feb 14-28  
Message-ID: <3.0.6.32.20020214125727.00838990@mail.dandy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
N2CQ QRP CONTEST CALENDAR

February 14-28, 2002  
~~~~~

40 METER FOXHUNTS

Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.  
Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.  
Info: <http://www.zianet.com/k5di/fox/>

Truffle Hunt - Tue & Thur - 30 min before Fox Hunt  
Info: [http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)  
~~~~~

ARRL International DX Contest (CW) ... QRP Category

Feb 16 - 0000z to Feb 17 - 2400z

Rules: <http://www.arrl.org/contests/announcements/intldx.html>

"Best DX so far this year"

~~~~~

CQ 160 Meter Contest (SSB) ... QRP Category

Feb 22 - 2200z to Feb 24 - 1600z

Rules: <http://www.cq-amateur-radio.com/cq160rules.html>

"Give it a try"

~~~~~

REF (French) Contest (SSB)

Feb 23 - 0600z to Feb 24 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Some rare French DX may operate here"

~~~~~

North Carolina QSO Party (CW/SSB) 100w max

Feb 24 - 1700z to Feb 25 - 0300z

Rules: <http://www.w4nc.org/ncqsoparty.html>

"Work NC Counties"

~~~~~

UBA DX Contest - Belgium (CW) ... QRP Category

Feb 23 - 1300z to Feb 24 - 1300z

Rules: <http://www.uba.be/HF/conrules/UBArulesfor.htm>

"Very good QRP entry. Work anyone. Software available for download"

~~~~~



High Speed CW Club Contest ... QRP Category

Feb 24 - 0900z to 1100z

Feb 24 - 1500z to 1700z

Rules: <http://www.morsecode.dutch.nl/hscindex.html>

"Work anyone (if you can copy)"

~~~~~  
Colorado QRP Club Winter QSO Party (CW/SSB) ... QRP Contest!

Feb 24 - 2200z to Feb 25 - 0359z

Rules: <http://www.cqc.org/contests/winter02.htm>

"Work any QRP station"

~~~~~  
Please send your sprint or contest info to: N2CQ@ARRL.NET

We will include it in the calendar.

Thanks to WA7BNM, SM3CER, ARRL and others for assistance in compiling this calendar.

Anyone may use this "N2CQ QRP Contest Calendar" for your website, newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

\*\*\*\* N2CQ QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Thu, 14 Feb 2002 10:15:27 -0800

From: Jerry Parker <jparker@fix.net>

To: qrp-1@LeHigh.edu

Subject: [119951] NorCal 20, 10 turn pot, Custom Enclosure

Message-ID: <2.2.32.20020214181527.0067f7e8@fix.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

NorCal 20 new in the original sealed unopened box \$100.00

10 Turn pot, new, \$10.00

Custom Enclosures custom case, \$40.00  
Anodized gorgeous Blue (only 4 of these made)

All new, as received, Total=\$150+shipping

I just do not have the time to build, wish I did.

72,,,Jerry,,,WA6OWR...k

-----  
Date: Thu, 14 Feb 2002 13:15:56 -0500 (EST)  
From: Chris Cartwright <ccart@phideaux.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [119952] Delaware Exists!! I think...  
Message-ID: <Pine.LNX.4.21.0202141232500.29348-100000@dns.phideaux.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Took a drive to the mythical state this morning, here after referred to as "Area DE". Seems this vast conspiracy takes place just a scant 11 miles from my house. At the edge of the abyss is a cleverly placed sign "Welcome to Delaware", apparently to enhance the illusion that Area DE may actually exist. Or this might be a clever ploy to keep the casual observer from accidentally stumbling onto the real Area DE, but I think I may have found a weakness in it's closely guarded borders.

I stumbled onto an empty guard shack in something known as "White Clay Creek State Park", a mere 3/4 of a mile inside the border. This was a bonus, on the off chance I had been seen crossing the border, and had to beat a hasty retreat to the safety MD or PA. Obviously there must have been some early cloaking experiments done in this "Park", as there are large areas with nothing in sight, no tress, no houses, just an occasional sign post or trail. These must have been missed before they perfected cloaking. A sign in the guard house window did shed some light on why Area DE is so difficult to find, it read, "CLOSES AT 5:32". Apparently this conspiracy keeps very regular hours. So, after many of us get home from work, Area DE seems to have vanished from the map. It's not gone, it's just closed.

On a serious note, I am planning to run down there in the next month or so, and try and hand out "Area DE" cards to those that need them. Might have to get one of the QSL programs and design something special. I've been working on a sturdy 35' mast for \$20, and need to do some field testing. Also, I need to see what the Parks Department will allow. Seems that Delaware Parks are open sunrise to sunset, and charge admission during the summer months. Perhaps there are some other folks near the PA/MD/DE border that would wanna come out for an afternoon an play radio as well. Might have to do some testing to make sure EM waves can cross the border:) Might just have to see how much response there is to a DXpedition to "Area DE".

72

```
-- Chris Cartwright,   Unix Administrator |      ccart@phideaux.com      --
-- N3XRV      ARRL-VE   Norcal Zombie #163 |      Oxford, PA 19363 FM29as    --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

-----

Date: Thu, 14 Feb 2002 12:29:48 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: Jerome.Peters2@infineon.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [119953] Re: VFO question  
Message-ID: <3C6C021C.98E4C418@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jerome, I suspect that you have the idea that all three caps will "track" exactly due to the husky mechanical drive. They may well do so, but there will always be some backlash and play in the drive mechanism and that may have ill effects upon the oscillator stability, etc. Should not take much to rig up a series-tuned Colpitts and give it a try . . .

Sounds to me like it would make a wonderful antenna tuner of some sort!  
<:}

72/73/oo, George W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Jerome.Peters2@infineon.com wrote:

>

> Has anybody ever seen a VFO design that uses more than one variable capacitor?

>

> It seems to me that a Series tuned (J-fet or tube) Colpitts oscillator could be made with three separate variable capacitors if there shaft was tied together.

-----

Date: Thu, 14 Feb 2002 12:51:34 -0600

From: John Bohnert <johnb@elmhurst.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [119954] FS: SW+40

Message-ID: <3C6C0736.CB602285@elmhurst.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

SW+40, with SW Freq-mite, housed in SW enclosure, no mods, 2W output into 50 ohm dummy load. Frequency coverage is 7026 KHZ to 7061 KHZ. Push button activation switch for the Freq-mite located just below the SW logo located in the upper left corner of front panel. To conserve batteries in portable use, a power switch for the Freq-mite is located on the back panel, upper center location. \$85, plus shipping.

72 N9KW John

-----

Date: Thu, 14 Feb 2002 11:45:58 -0700 (MST)

From: "Paul Harden, NA5N" <na5n@rt66.com>

To: Jerome.Peters2@infineon.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [119955] Re: VFO question

Message-ID: <Pine.SUN.4.10.10202141132210.29268-1000000@shell.rt66.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Jerome,

Your 3-ganged variable cap would make one heck of an antenna tuner!

For most VFO ranges used in QRP, the capacitance change is relatively small. With a little math, you can calculate the capacitance in the circuit needed for the minimum and maximum frequency you want with a fixed inductor. It will likely come out in the 20-30pF for the tuning RANGE (with TOTAL C 100-200pF range). So you would have to add a series

fixed capacitor to your 1200pF variable capacitor to "knock it down" to 20-30pF, or whatever range you need. (Remember how to calculate the capacitance of two caps in series?) This would imply a fairly small series capacitor, but it would work great for fine resolution tuning. You might experience some drift due to the temperature coefficient of the open-air type variable caps, but not severe.

As you tune across the QRP band of your choice, the gain will of course change from one end of the band to the other, even if only 50KHz or so. Therefore, an approach used for decades (mostly with the vacuum tube rigs), is to have a smaller variable capacitor section on the VFO cap that is parallel to the first RF input tuned circuit. So, as you tune your VFO, you are also tuning your input resonant circuit to keep it at maximum gain. This would be one use of the smaller section of your cap. Likewise, the smaller section can be used to trim the "feedback cap" in the VFO to keep the output power from the VFO even. Without this, like most VFO circuits, the output power will be less at the high end vs. the low end. This is not a huge problem, but it does mean your receive and transmit mixers are getting less power at the high end of the band than the low end. So by using the small part of the VFO cap in the feedback path, with some CAREFUL matching! ... you could ensure a constant VFO output across the band of interest. Another idea of what to do with that smaller section.

Just a couple of ideas and thoughts.

But I would also consider the antenna tuner thing as well :-)

72, Paul NA5N

-----  
Date: Thu, 14 Feb 2002 11:58:13 -0700  
From: "Jerry McCollom WOMC" <w0mc@radioactivehams.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119956] [FOX] Fox tonight!!  
Message-ID: <012d01c1b589\$8e1b37e0\$01000100@fcjmc67481>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Hounds,

There will be a "for credit" fox tonight -- Jerry, WOMC! I'll be the "low" Colorado fox tonight somewhere below 7040. I'll be working at least a 2kHz split and will listen below my transmit frequency.

I'll be running my K2 at 5 watts to my under-the-eaves doublet at my QTH in Fort Collins, CO. I'm looking forward to providing plenty of pelts this outing.

See you tonight!

73,  
Jerry W0MC  
Fort Collins, CO

-----  
Date: Thu, 14 Feb 2002 13:55:06 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <k8kfj@ntelos.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119957] Re: Keyer question - Slow Vs Fast Keying  
Message-ID: <20020214185626.YLCH2160.imf13bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 2/12/02 1:19 PM, Garie Halstead at k8kfj@ntelos.net wrote:

>Here's a good example of slow vs fast....

>

>I was in the NCJ Sprint this past weekend and Bill (WB00) was really

>smokin'. I heard him run at this speed throughout the Sprint.

>Normally, you'd ask yourself how many more contacts he could have put

>in his log had he slowed and worked some of the slower ops.

I've worked Bill many times in contests, mostly NAQP.

I don't blame him for going real fast in the Sprint. The Sprint is really a different sort of animal. It is, perhaps, the most difficult of contests to master. The QSY rule eliminates any parking on one frequency calling CQ -- which is the staple of most constests.

A few tips for low-speed operators in the Sprint, recently handed down to me by W4AN (another great QRQ CW operator):

- \* Hang around the upper and lower edges of the sprint crowd on a given band. That's where you'll find slower speed operators. Avoid the middle -- that's where the real speedsters are.

- \* If you are having trouble CALLING a station at an appropriate speed, try calling a CQ, particularly around the edges of sprint activity. Call

CQ at a speed which is comfortable for you, and you should get answers at similar speed. (You'll have to QSY after the contact, of course)

\* Keep trying, and eventually your speed will improve.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 14 Feb 2002 14:00:28 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <lejek@erols.com>,  
      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119958] Re: Keyer question - Slow Vs Fast Keying  
Message-ID: <20020214190148.WEZS4624.imf04bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 2/12/02 4:49 PM, Larry Cahoon at lejek@erols.com wrote:

>  
>>  
>>The primary thing of value in a contest is TIME. Contests run only in a  
>>limited time period. Worse, in some contests, propagation conditions may  
>  
>Time is the most important thing and that is why I have a problem with some  
>of the log checking and the way the penalties are computed. They like to  
>pretend that accuracy is important, but the way things are handled doesn't  
>promote this as well as it could. Sure, if I get the call or the exchange  
>wrong I loose points. But there is no incentive for the other guy to make  
>sure I get it right. In fact because he loses TIME there is every reason  
>not to.  
>  
>To make this obvious, my call is WD3P. I get back WB3P, WD2P, WD4P, and  
>WD3G all the time. Now say the the other fellow is running the frequency  
>and I am playing hunt and pounce. He sends WD3G. I know he got it  
>wrong. If I take the TIME to correct him it cost me time. I get nothing  
>in return. If we both send in our logs the checkers will recognize that he  
>got my call wrong. I will get credit for the QSO. After all I got his  
>information correct. He losses the QSO because he did not get my call  
>correct. Of course if the error he makes looks too far away from my call  
>then I may lose the QSO as well.

Maybe, maybe not. If he really managed your call or the rest of the exchange, you BOTH may lose credit for the QSO.

>Now reverse the roles. The big gun comes along while I'm running and he is  
>playing hunt and pounce. Except I'm running 20 wpm and he comes along at  
>30 wpm. He knows I copied his call wrong. There is again no incentive for  
>him to correct the error. There is not an incentive for him to slow down  
>to my speed.

For the record:

\* The best operators I know take the time to get things right.

\* The best operators I know will QRS if asked.

\* The operators that don't bother to send corrections before going on to the next QSO will WASTE time, because \*I\* will call them again and again until they get it right.

>I would much rather see a rule that said unless both parties correctly copy  
>the full exchange than neither gets credit for the QSO.

That sorta puts you at the mercy of the skill of the other guy, right?  
Also, you should consider the impact of folks maliciously placing errors in their log.

> That gives both  
>parties an incentive to get the exchange right and to ensure that the other  
>fellow gets it right as well. I know guys will say why should I lose  
>because he cannot copy my call correctly? The answer is simple. The goals  
>of most contests are stated in one way or another "to correctly exchange  
>the contest information." That goal has not been met if either party gets  
>the information wrong.

All the best operators I know stress this very concept.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 14 Feb 2002 14:02:42 -0500  
From: W2AGN <w2agn@pobox.com>  
To: Michael Bower <bowerm@ix.netcom.com>,  
      Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [119959] Re: Google is Dead (OT)



Message-ID: <02021414024201.04937@jsielke>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

On Thursday 14 February 2002 07:27, Michael Bower wrote:

> Is there something under the covers going on that we should know about?  
>  
> Michael N4NMR

Mike,

I think the problem is, nothing is going on under the covers...

-----

John L Sielke    W2AGN  
w2agn@pobox.com

<http://www.qsl.net/w2agn>  
Trustee: W3IYQ

-----

Date: Thu, 14 Feb 2002 12:02:55 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu  
Subject: [119960] FOX: W0CQC is ONE fox  
Message-ID: <3C6BA76F.29915.2C548E@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Hi, Guys--

Based on a couple of inquiries, thought I ought to clarify the "pelt situation" for tonight.

W0CQC is the Fox, and you only need to work it once, regardless of how many operator names you hear.

Good luck, and may the Fox be with you...

Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382  
--

-----  
Date: Thu, 14 Feb 2002 14:07:43 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <lmairs@cox.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119961] Re: Keyer question - Slow Vs Fast Keying  
Message-ID: <20020214190902.XFMA4887.imf28bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 2/12/02 6:17 PM, Lee Mairs at lmairs@cox.rr.com wrote:

>I think you analysis hits the nail on the head regarding incentives. I used  
>to actively contest in the low power division (<100 watts - this was before  
>I saw the light) and I'd get very frustrated at some of our Big Guns zipping  
>right off and not giving me fills by after getting my call and message  
>correct.

If you are answering CQs, there's an easy way around this.

Give them NOTHING, until you get all your fills.

For example (CW):

CQ NA K9AY

AA4LR

AA4KR GARY GA

AA4LR

AA4CR GARY GA

AA4LR AA4LR

AA4LR GARY GA

R TU BILL GA

TU QRZ NA K9AY

(Ok, I'm not picking on Gary, I'm so close to him there's little chance he'd get my call wrong anyway)

Or:

CQ NA K9AY

AA4LR

AA4LR <QRM> GA

NAME?

GA<QRM> <QRM>

NAME?

GARY GARY

R TU BILL GA

TU QRZ NA K9AY

If you're weak or marginal and give the exchange, there's a chance the other guy might not hear your fill at all and move on. Get the fills first.

There are a FEW guys out there who will give up when you ask for the second fill. Their wasting their own time, because you'll just call them again.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----

Date: Thu, 14 Feb 2002 14:16:24 -0500

From: Bill Coleman <aa4lr@arrl.net>  
To: <w6toy@erols.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [119962] Re: Keyer question - Slow Vs Fast Keying  
Message-ID: <20020214191743.YWNS2160.imf13bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 2/13/02 9:02 AM, Bruce Muscolino at w6toy@erols.com wrote:

>I think we have had this discussion about using keyboards before on this  
>list. Actually. though the use of keyboards does occur, I think you  
>will find most of the high speed ops use paddles and keyers. Using a  
>keyboard means you have to know how to type before you can send code!

Bruce,

About 10 years ago, you might have been right. But things have changed in the contesting world. Just about everyone these days uses computerised logging. Those old-time CW operators depend a lot on the keyboard.

In watching K4BAI or NQ4I down at NQ4I's, they let the computer send the normal stuff -- CQ, the exchange, callsigns, even just "?"

Anything more complicated, or if doing a fill, they reach for the paddles.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 14 Feb 2002 14:25:56 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [119963] Re: Keyer question - Slow Vs Fast Keying  
Message-ID: <20020214192716.HHZV2082.imf05bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 2/13/02 9:56 AM, Bruce Muscolino at w6toy@erols.com wrote:

>The use of a computer to manage and operate a logging program is a  
>special case.

Is it? It is terribly common.

> Sure, many contest ops do, in fact the contest rules are  
>being written to exclude those who don't use a computer

There is no such exclusion in the rules. Electronic log submissions are required, and this may require transcription of non-computer logs into the computer, but there is no requirement of actually using a computer during the contest.

>, but the logging  
>software sends the CW.

Yes! Why would you say otherwise?

> The operator does not usually interact with the  
>software other than to enter a QSO unless he needs to make a change.

I dunno! The last time I operated at NQ4I's for a CW contest, I never touched a paddle. If I needed to send something, I jumped into keyboard mode.

At home, I've used paddles because I didn't have computer sending. I recently used AE6Y's software in the CW NAQP, but found it's keyboard-mode unreliable (it would crash when exiting keyboard mode if it was still sending), so I used paddles for fills.

>The software only sends CW, it does not copy CW! While CW readers  
>exist, they are limited in their application, and copying CW in a  
>crowded contest band is not one of their strong points.

This is exactly what we're talking about -- using a computer to SEND CW. Virtually all CW copying is done by the human.

>Using a keyboard to have a CW QSO is an entirely different thing!

Is it? Seems similar to me.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

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Date: Thu, 14 Feb 2002 14:36:14 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <ku7y@qsl.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119964] Re: Keyer question - Slow Vs Fast Keying  
Message-ID: <20020214193735.CMWJ23434.imf01bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 2/13/02 4:25 PM, Monte Stark at ku7y@qsl.net wrote:

>The major contests are moving toward getting all logs in  
>computer format. The fact that there are so many logging  
>programs out there has generated a need for a universal  
>file format for each contest. It's called Cabrillo (or  
>something close to that!).

You can find a definition of Cabrillo here:  
<<http://www.kkn.net/~trey/cabrillo/>>

>Each contest has it's own Cabrillo file format. So you  
>can't just set up something like Excel to output a single  
>format that can be used for all contests.

However, you can generate the needed Cabrillo file with any text editor  
or word processor. It really isn't a sophisticated format.

>One of the hardest parts of getting this up and running  
>was reading in all the different log file formats and  
>doing that without error. Hence the need for a standard  
>file format for each contest.

>

>At one time no one ever looked at the RST field. But now  
>if someone sends you 579 you had better get it right  
>otherwise you loose the contact!

>

>Is this system of log checking perfect? Of course not but  
>it's light years ahead of anything we ever had before.

Lest someone get the wrong idea, the computer does the checking, but the  
contest organisers still make all the decisions. Any QSOs removed or  
penalties assessed are judged by a person, based on the analysis of the  
computer. The computer just makes the job go way faster.

>Me? Well, I LOVE the idea that each little dit and dah is  
>check. And the issue of the other station getting your  
>call wrong is really interesting. It can be your fault,  
>his fault, cost points or not cost points. All depends!

>But unless something has changed, most contests do NOT  
>give you credit for the contact if your call is wrong in  
>the other station's log. You lose that contact without  
>penalty.

Not according to most contest judges I've talked with. If the QSO in question cannot be verified in someone else's log, and the callsign is close enough to your own, the judges will give you the benefit of the doubt.

> He loses it with penalty, usually.

Yup.

Oh, there's one exception. If you don't send in a log, then he keeps the unverified bad QSO. So, send in those logs!

> It would not  
>be right for you to get credit for the contact when the  
>rules state that for a QSO to have taken place BOTH  
>stations must copy all the info. While you have NO  
>control over the other station getting something in the  
>exchange string wrong you do have some control over his  
>getting your call wrong. If he doesn't send your correct  
>call, do not continue the contact. Try later.

But the judges realise that you shouldn't be penalised because of someone else's mistake.

>In this day and age you will never win a major contest  
>with paper logging. Nor will you do it with a hand key.

That doesn't mean you can't log on paper and use a hand key because it is fun!

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

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Date: Thu, 14 Feb 2002 13:47:31 -0000  
From: "frank5838" <frank5838@email.msn.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [119965] QRP  
Message-ID: <003901c1b55e\$280739c0\$93a2fea9@pavilion>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

HI

All I will be on 40 meters Thursday night with my argonaut 3 watts output to my 40 meter beam I hope to work anyone I can I will be on 20 meters at 230pm Central time with my tuna can and 4 element quad freg 14060.00 CW I work psk 1 millewatt last week made 310 QSO the ant was home-brew Vergial 20 meter full wave lant vergial up 160 meters high on the Roof of the hotel on bourbon St. using the call N5T for the Madi Graw I am new to QRP thank you N5VT Frank 72es to all and I owe you one

-----  
Date: Thu, 14 Feb 2002 13:55:27 -0000  
From: "frank5838" <frank5838@email.msn.com>  
To: <qrp-1@Lehigh.EDU>  
Message-ID: <006301c1b55f\$43713de0\$93a2fea9@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I will be on today on 20 meters 14060 + are -  
trying out my tuna can

-----  
Date: Thu, 14 Feb 2002 15:51:33 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [119967] LED freq counter/ digi-dial  
Message-ID: <3.0.6.32.20020214155133.0079c760@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I'll be starting to ship the LED freq counter sometime next week. Was hoping to start getting them out this week, but not all the parts have shown up yet and I'm going hiking this weekend. So, even if they do show up tomorrow, woun't have time to do anything with them.



A picture of the counter in it's final form can now be seen on my website.

<http://www.qsl.net/kd1jv/ddial.HTM>

This is a small, 2.1" x 1.8" x .45" counter and uses a four digit. 0.4" LED display. Frequency range of 40 KHz to 49 MHz. A display shift button allows viewing the most significant MHz digits or the least significant KHz digits, down to 100 Hz. It's sensitive enough I can read the frequency of the local 1KW AM radio station, about a mile away, by putting my fingure on the input! (admittly though, the last couple of digits bounce around some) A 1" dia pick up loop put next to a VFO coil is enough to get a stable reading on the counter.

An IF offset can be programmed (and stored in eeprom) for use as a digi-dial. Offsets of VFO + IF, VFO - IF or IF - VFO = Rx freq can be programmed. Also has "sleep mode" which turns the display off to conserve power if battery operated. Display automaticly "wakes up" if frequency changes by about 200 Hz or so.

Price of this kit is \$32.00, which includes shipping.

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Thu, 14 Feb 2002 15:50:05 -0500  
From: adamvaz@palm.net (Adam Vazquez)  
To: k5di@zianet.com, qrp-1@Lehigh.EDU  
Subject: [119968] Re: Google is Dead  
Message-ID: <20020214205005.834244522@mo130uhou.palm.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Check first that you did not sustain damage with the software you browse with. Experimenting with wireless networking has forced me to have multiple boot partitions .  
Check your browser and networking software first.

k5di@zianet.com wrote on 2/14/02 7:29 am:

The Depression must have wiped out this very fine source of information. I count on Google to find those hard to find QRP web pages

around the world. I will have to return Yahoo which has a lot of advertising which is why it's still there.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

Adam Vazquez Kb2Jpd  
adamvaz@mobile.att.net

-----

Date: Thu, 14 Feb 2002 16:14:15 -0500  
From: "John Dorson" <jdorson@Worldshare.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [119969] FS: FREQ-MITE  
Message-ID: <001d01c1b59c\$929ef0a0\$24243841@atwork>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Complete kit with documentation. Have two, only need one.

Asking \$18.00 shipped USA

John K2JHU...  
jdorson@worldshare.net

-----

Date: Thu, 14 Feb 2002 16:25:24 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <ku7y@qsl.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119970] Re: N4DD Preliminary Log Delinquency  
Message-ID: <20020214212642.YUKG1867.imf16bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 2/13/02 2:59 PM, Monte Stark at ku7y@qsl.net wrote:

>Correct me if I'm wrong but.....

You're wrong, Ron. <grin>

>When you award prizes to the highest scoring Fox, doesn't  
>that make it some form of contest?

Sorta.

>Shouldn't part of the "contest" be based on how well you  
>perform overall?

Well, yeah.

>The operator who "wins" should be the operator who  
>displays the most skills.

Or, it could be he was the best at bribing the judges. (Hey, it seems to  
work in the Olympics....)

>Typing is one of the skills needed if you use computer  
>logging.

>

>Copying what is sent is another skill.

That's a whole barrelful o' skills there....

>There is NO contest that I know of that lets you correct  
>your log using ANY form of outside information. You can  
>(and should IMHO) make notes during the contest of things  
>to check or fix but that's all you can do. You may NOT  
>use a call book service to check calls, locations, names  
>and etc. That's something you can be DQed for.

Yuh. There are even some guys who think Super Check Partial is cheating.

>Do ALL contest logs contain errors? NO! If you look at  
>the results published for the NA Sprints you will find a  
>listing of "Golden Logs". These are logs with NO errors  
>and as a rule most of those logs belong to the top  
>scorers. Just another example of the fact that the best  
>operators are the best because they have the best overall  
>skills.

Are Golden Logs free of errors? Not necessarily! Some logs are free of  
DETECTED errors. Unless you can get everyone in a contest to submit a

log, there will be portions of most every log that cannot be verified.

>OK, back in my hole....

Where's that concrete block? <grin>

Ron, I think the key element of the FOX hunt is that the hounds send in no logs. There's no way to verify the FOX logs other than public scrutiny.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
    -- Wilbur Wright, 1901

-----  
Date: Thu, 14 Feb 2002 16:38:57 -0500  
From: "Lee Mairs" <lmairs@cox.rr.com>  
To: <kd1jv@moose.ncia.net>,  
    "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [119971] Re: LED freq counter/ digi-dial  
Message-ID: <006901c1b5a0\$02c14560\$6401a8c0@cox.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just finished Steve's digital RF Power Meter and it is really neat. I've got one of these ordered and if it is the same quality instruction and parts, then it will be well worth it.  
No financial interest - ya-de-dah-de-dah... Just a very satisfied customer.  
73 de Lee  
KM4YY

A man who carries a cat by the tail is getting experience that will always be helpful. He isn't likely to grow dim or doubtful. Chances are, he isn't likely to carry the cat that way again, either. But if he wants to, I say let him!  
    --Mark Twain

----- Original Message -----  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, February 14, 2002 3:51 PM

Subject: LED freq counter/ digi-dial

> Hi Gang,  
>  
> I'll be starting to ship the LED freq counter sometime next week. Was  
> hoping to start getting them out this week, but not all the parts have  
> shown up yet and I'm going hiking this weekend. So, even if they do show  
up  
> tomorrow, woun't have time to do anything with them.  
>  
> A picture of the counter in it's final form can now be seen on my website.  
>  
> <http://www.qsl.net/kd1jv/ddial.HTM>  
>  
> This is a small, 2.1" x 1.8" x .45" counter and uses a four digit. 0.4"  
LED  
> display. Frequency range of 40 KHz to 49 MHz. A display shift button  
allows  
> viewing the most significant MHz digits or the least significant KHz  
> digits, down to 100 Hz. It's sensitive enough I can read the frequency of  
> the local 1KW AM radio station, about a mile away, by putting my fingure  
on  
> the input! (admittly though, the last couple of digits bounce around some)  
> A 1" dia pick up loop put next to a VFO coil is enough to get a stable  
> reading on the counter.  
>  
> An IF offset can be programmed (and stored in eeprom) for use as a  
> digi-dial. Offsets of VFO + IF, VFO - IF or IF - VFO = Rx freq can be  
> programmed. Also has "sleep mode" which turns the display off to conserve  
> power if battery operated. Display automaticly "wakes up" if frequency  
> changes by about 200 Hz or so.  
>  
> Price of this kit is \$32.00, which includes shipping.  
>  
>  
> 72,  
> Steve, KD1JV  
> "Melt Solder"  
> White Mountains of New Hampshire  
> <http://www.qsl.net/kd1jv/>

-----  
Date: Thu, 14 Feb 2002 21:58:35 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: Bill Coleman <aa4lr@arrl.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [119972] Re: Keyer question - Slow Vs Fast Keying  
Message-ID: <5.1.0.14.0.20020214212315.0234c050@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:00 PM 2/14/2002 -0500, Bill Coleman wrote:

> >I would much rather see a rule that said unless both parties correctly copy  
> >the full exchange than neither gets credit for the QSO.  
>  
>That sorta puts you at the mercy of the skill of the other guy, right?  
>Also, you should consider the impact of folks maliciously placing errors  
>in their log.

You are right I am at the mercy of the skill of the other guy. But that is always true. Also everyone who works him in the contest has to deal with the same problems. So I see this a equal treatment.

As for maliciously placing errors in the log - even now all I have to do is work you and not put you in the log. You lose the QSO and get a hit because you are not in my log. As long as I don't do it too often I can get away with that. Of course I lose the QSO as well, but if I am being malicious I don't really care. I've never done it, but I sure have been tempted to delete QSOs with a few guys who come in and take my frequency. You can always tell who they are - try to work them and they come back on the first call right after taking your frequency.

73 de Larry.....WD3P in MD  
<http://www.qsl.net/wd3p/>

-----  
Date: Thu, 14 Feb 2002 16:48:05 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: aa4lr@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [119973] Re: N4DD Preliminary Log Delinquency  
Message-ID: <3C6C3EA5.8B3CA1FD@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Maybe it is time to remind ourselves that the Number One Rule in the Fox Hunts is

HAVE FUN!

As I posted recently, our little community of Foxii and Hounds by now all know one another pretty well and have developed a strong bond of trust along with the good-natured competition that takes place. It would never occur to me to doubt any contact that shows up in a Fox log. It may have a few typos, but I would always bet money that the contact took place and that the Fox put down what he honestly believed that he copied. And I have a lot at stake here, what with the Hounds now including W5YA, W5YR, W3YR, and W5YW all in the pack!

Based on all that, it seems to me that there is no tangible justification for requiring that Fox logs be "verified." In my mind, they are verified when posted.

72/73/00, George W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Bill Coleman wrote:

> Ron, I think the key element of the FOX hunt is that the hounds send in  
> no logs. There's no way to verify the FOX logs other than public  
> scrutiny.

-----  
Date: Thu, 14 Feb 2002 18:00:10 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: "Pigs" <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [119974] Truffel Notice!!  
Message-ID: <002f01c1b5ab\$5b675be0\$70302bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ich bin die Truffel!!

Tonight at 01:30Z until 02:00Z I will be the truffel.

I will call CQ PIG CQ PIG DE KB9BVN

I will start out in the 7045-7050 area and will be listening UP a few khz.

The exchange is:

URCALL 599 IN BRIAN URCALL BK

I'm running 2w from a HW-9 and a attic dipole at about 15 wpm max tonight, I have a sinus infection so my ears are plugged up and I am having all sorts of auditory hallucinations. I will attempt to do my best.

73 es 00

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

-----

Date: Thu, 14 Feb 2002 14:56:57 -0800  
From: "Kevin Philbin" <oz2dkp@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [119975] PT0 discussion  
Message-ID: <F42nJ3kEPF3cMnA0VYq00024b88@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Gang,

I have really enjoyed the discussion concerning PT0's and I do recommend that you look at KA8MAV's work with his PT0.

Is anyone who designs these beasts willing to share how one calculates the component values for a particular band?

Thanks,



KD6TK

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

-----  
Date: Thu, 14 Feb 2002 18:06:35 -0800  
From: Paul Stroud <aa4xx@ipass.net>  
To: klqrp@knightlites.org, qrp-1@lehigh.edu  
Subject: [119976] ON5EX/AA4XX 30M QRSS Twin Beacons Saturday  
Message-ID: <3C6C6D2B.F6B4351C@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dear Fellow QRP'ers,

ON5EX and AA4XX will simultaneously be running QRSS10 mode Saturday night (Feb. 16) 2100-0200 UTC (4:00-9:00PM US EST). The AA4XX beacon frequency will be 10,140.000 kHz, the ON5EX beacon frequency 10,140.050 kHz. If conditions are good, both beacons may be seen at the same time by setting your program mode to QRSS3. Callsign, power output (in mW) and a five letter code will be embedded into the beacon string. Both beacons will start with 200mW power output, reducing output power depending on propagation conditions.

For those fellow hams not familiar with QRSS modes, freeware programs (Argo or Spectran) are available to decode these very slow CW transmissions (10 seconds per dot in this case) at [www.qsl.net/padan/](http://www.qsl.net/padan/)

Any reception reports would be appreciated, either to Paul(aa4xx@ipass.net) or Johan (on5ex@pandora.be).

72,  
Johan ON5EX Zevergem, Belgium  
Paul AA4XX Raleigh, North Carolina

-----  
Date: Thu, 14 Feb 2002 18:19:26 -0500  
From: "John Paul Keon" <jpkeon@nc.rr.com>  
To: "klqrp" <klqrp@knightlites.org>, <GQRP@yahoogroups.com>, <qcwa@qth.net>,  
Subject: [119977] Fw: One Time Only Event to Take Place Soon  
Message-ID: <001b01c1b5ae\$0c4a08c0\$6401a8c0@nc.rr.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I thought all of you would like to know this, if you did not  
know it already.  
John Paul, Raleigh, NC//AB4PP

----- Original Message -----  
Subject: One Time Only Event to Take Place Soon

> Believe it or not -  
>  
> Believe it or not, but at 8:02 PM on February 20th this year will be  
> a historic moment in time. It will not be marked by the chiming of any  
> clocks or the ringing of bells, but at that precise time, on that specific  
> date, something will happen which has not occurred for 1,001 years and  
> will never happen again.  
>  
> As the clock ticks over from 8:01pm on Wednesday, February 20, time  
> will --- for sixty seconds only --- read in perfect symmetry 2002, 2002,  
> 2002, or to be more precise - 20:02, 20/02, 2002.  
>  
> This historic event will never have the same poignancy as the 11th  
> hour of the 11th day of the 11th month which marks Armistice Day, but it  
> is  
> an event which has only ever happened once before, and is something which  
> will never be repeated. The last occasion that time read in such a  
> symmetrical pattern was long before the days of the digital watch and the  
> 24-hour clock at 10:01am on January 10, 1001.  
>  
> Because the clock only goes up to 23:59, it is something that will  
> never happen again.  
>  
> Enjoy the moment...

-----  
Date: Thu, 14 Feb 2002 17:37:02 -0600  
From: Ed Manuel <edmanuel@directvinternet.com>  
To: qrp-l@lehigh.edu  
Subject: [119978] Re: PTO discussion

Message-ID: <4.3.2.7.2.20020214172647.00c0e2b0@mail.directvinternet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

You know, what we really need is a novel/clever, mechanism that you can build your PTO on.

Should have:

Small Size - minimum size behind the panel, consistent with doing the job.

Panel Mounted - preferrably with a standard bushing.

Shaft driven with no in/out motion required. Standard diameter so one could use a turns counting dial as with a 10 turn pot if you wanted to - create a chart that translates dial reading to frequency and glue it to the top of the rig.

Easy to change the slug - standard, readily available iron powder slug or identical diameter brass slug - users choice. Anybody know where there is a readily available source of slugs that would be interchangeable and identical in size to fit the mechanism?

Some form of indicator - mechanical probably - that gives the position of the slug so that a mechanical readout could be fabricated. Of course, an electrical "dial" (counter, visual or acoustic readout) would be fine - but would take current - a simple mechanical readout through a plastic window would be no-current, not just low current indicator - in case you didn't want to have a turns counter on the front panel.

Smooth drive - fine thread screw - zero or VERY minimal backlash.  
And, made in such a way that it could be kitted for around \$5 - especially if there were some required machined item that could be done in quantity.

Just my thoughts. I have some ideas - still scribbling on my "think" pad.

Ed, N5EM

-----  
Date: Thu, 14 Feb 2002 18:46:05 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: <edmanuel@directvinternet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [119979] Re: PTO discussion

Message-ID: <008101c1b5b1\$c4fd7bb0\$70302bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ten Tec discontinued the Scout. It uses a nice PT0.

I wonder if they have any surplus PT0 parts?

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

----- Original Message -----

From: "Ed Manuel" <edmanuel@directvinternet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, February 14, 2002 6:37 PM  
Subject: Re: PT0 discussion

> You know, what we really need is a novel/clever, mechanism that you  
can  
> build your PT0 on.  
>  
> Should have:  
>  
> Small Size - minimum size behind the panel, consistent with doing  
the job.  
>  
> Panel Mounted - preferrably with a standard bushing.  
>  
> Shaft driven with no in/out motion required. Standard diameter so  
one  
> could use a turns counting dial as with a 10 turn pot if you wanted  
to -  
> create a chart that translates dial reading to frequency and glue it  
to the  
> top of the rig.  
>  
> Easy to change the slug - standard, readily available iron powder  
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> identical diameter brass slug - users choice. Anybody know where  
there is  
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> \$5 - especially if there were some required machined item that  
could be  
> done in quantity.  
>  
> Just my thoughts. I have some ideas - still scribbling on my  
"think" pad.  
>  
> Ed, N5EM  
>  
>  
>  
>  
>

-----  
Date: Thu, 14 Feb 2002 17:04:03 -0700  
From: "John\_Evans" <jaevans@codenet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
<edmanuel@directvinternet.com>  
Subject: [119980] Re: PTO discussion  
Message-ID: <200202141704.AA1725825462@mail.codenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I think this group has an abundance of slugs, if you ask me. :)

72 - john - n0hj

----- Original Message -----

From: Ed Manuel <edmanuel@directvinternet.com>

>a readily available source of slugs.....

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End of QRP-L Digest 2466

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